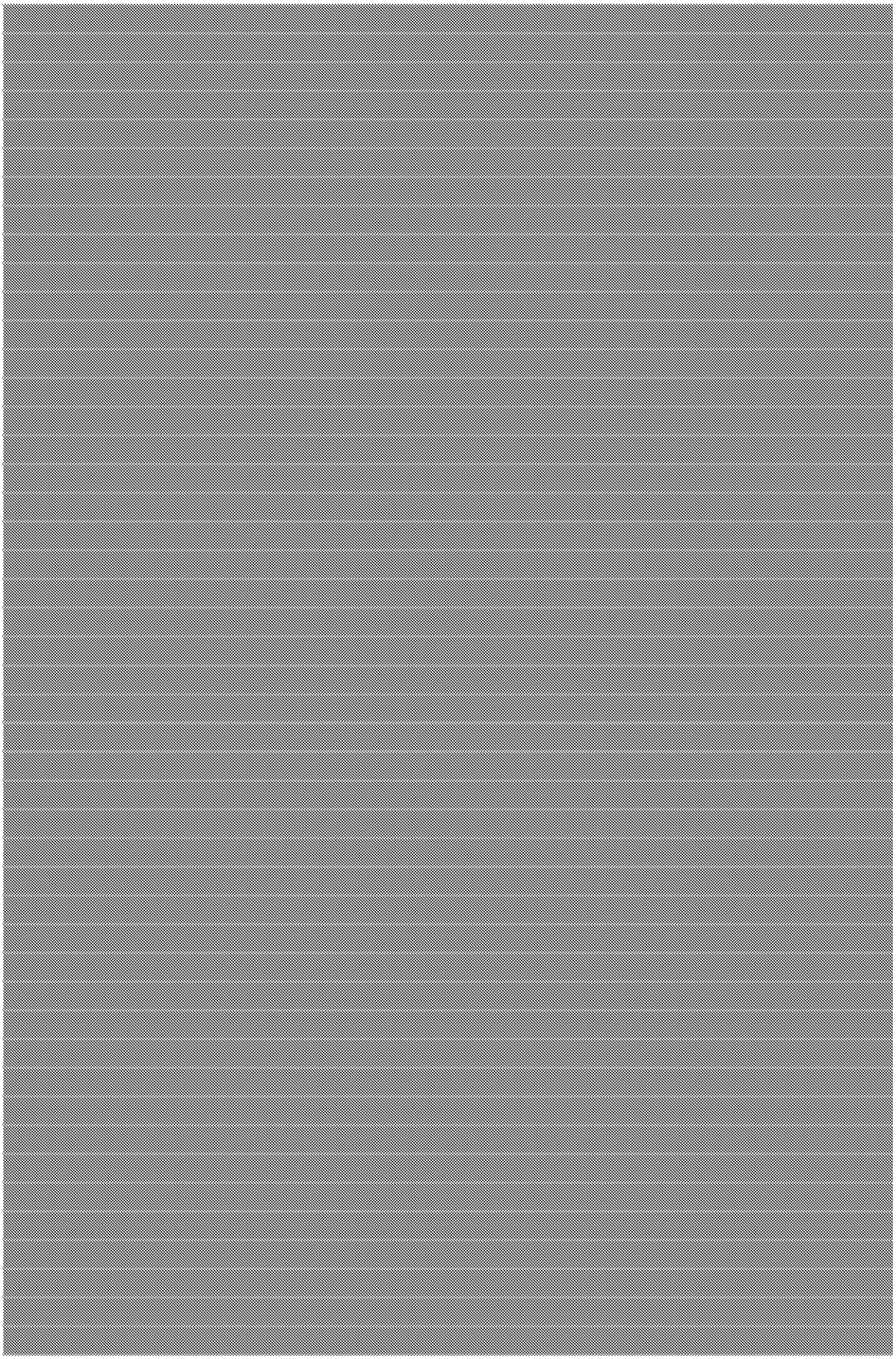
Rhesus monkey	Oral-capsule	Primary
Rhesus monkey	Oral-capsule	Primary
Rhesus monkey	Oral-capsule	Primary
Rhesus monkey	Oral-capsule	Primary
Rhesus monkey	Oral-capsule	Primary
Rhesus monkey	Oral-capsule	Primary
Rhesus monkey	Oral-capsule	Primary
Rhesus monkey	Oral-capsule	Primary
Rhesus monkey	Oral-capsule	Primary
Rhesus monkey	Oral-capsule	Primary
Rhesus monkey	Oral-capsule	Primary
Rhesus monkey	Oral-capsule	Primary
Rhesus monkey	Oral-capsule	Primary
Rhesus monkey	Oral-capsule	Primary
Rhesus monkey	Oral-capsule	Primary
Rhesus monkey	Oral-capsule	Primary
Rhesus monkey	Oral-capsule	Primary
Rhesus monkey	Oral-capsule	Primary
Rhesus monkey	Oral-capsule	Primary
Rhesus monkey	Oral-capsule	Primary
Cynomolgus monkey	Oral-capsule	Primary
Cynomolgus monkey	Oral-capsule	Primary
Cynomolgus monkey	Oral-capsule	Primary
Cynomolgus monkey	Oral-capsule	Primary
Cynomolgus monkey	Oral-capsule	Primary
Cynomolgus monkey	Oral-capsule	Primary
Cynomolgus monkey	Oral-capsule	Primary
Cynomolgus monkey	Oral-capsule	Primary
Cynomolgus monkey	Oral-capsule	Primary
Cynomolgus monkey	Oral-capsule	Primary
Cynomolgus monkey	Oral-capsule	Primary
Cynomolgus monkey	Oral-capsule	Primary
Cynomolgus monkey	Oral-capsule	Primary
Cynomolgus monkey	Oral-capsule	Primary
Cynomolgus monkey	Oral-capsule	Primary
Cynomolgus monkey	Oral-capsule	Primary
Cynomolgus monkey	Oral-capsule	Primary
Cynomolgus monkey	Oral-capsule	Primary
Cynomolgus monkey	Oral-capsule	Primary
Cynomolgus monkey	Oral-capsule	Primary
Cynomolgus monkey	Oral-capsule	Primary
Cynomolgus monkey	Oral-capsule	Primary
Cynomolgus monkey	Oral-capsule	Primary
Cynomolgus monkey	Oral-capsule	Primary
Cynomolgus monkey	Oral-capsule	Primary
Cynomolgus monkey	Oral-capsule	Primary
Cynomolgus monkey	Oral-capsule	Primary
Cynomolgus monkey	Oral-capsule	Primary

NR (3.2-4.5 kg,female)	821
NR (3.2-4.5 kg,female)	821
NR (3.2-4.5 kg,female)	821
NR (3.2-4.5 kg,female)	821
NR (3.2-4.5 kg,female)	821
NR (3.2-4.5 kg,female)	821
NR (3.2-4.5 kg,female)	821
NR (3.2-4.5 kg,female)	821
NR (3.2-4.5 kg,female)	821
NR (3.2-4.5 kg,female)	821
NR (3.2-4.5 kg,female)	821
NR (3.2-4.5 kg,female)	821
NR (3.2-4.5 kg,female)	821
NR (3.2-4.5 kg,female)	821
NR (3.2-4.5 kg,female)	821
NR (3.2-4.5 kg,female)	821
NR (3.2-4.5 kg,female)	821
NR (3.2-4.5 kg,female)	821
NR (3.2-4.5 kg,female)	821
NR (adult)	122
NR (adult)	20
NR (adult)	32
NR (adult)	20
NR (adult)	77
NR (adult)	11
NR (adult)	58
NR (adult)	30
NR (adult)	545
NR (adult)	58
NR (adult)	30
NR (adult)	95
NR (adult)	30
NR (adult)	164
NR (adult)	373
NR (adult)	95
NR (adult)	30
NR (adult)	29
NR (adult)	48
NR (adult)	29
NR (adult)	30
NR (adult)	122
NR (adult)	69
NR (adult)	29
NR (adult)	30
NR (adult)	58
NR (adult)	313
NR (adult)	122



0	0.2	0.2
0	0.2	0.2
0	0.2	0.2
0	0.2	0.2
0	0.2	0.2
0	0.2	0.2
0	0.2	0.2
0	0.2	0.2
0	0.2	0.2
0	0.2	0.2
0	0.2	0.2
0	0.2	0.2
0	0.2	0.2
0	0.2	0.2
0	0.2	0.2
0	0.2	0.2
0	0.2	0.2
0	0.2	0.2
0	0.2	0.2
0	2	2
0	5	5
0	2	2
0	5	5
0	2	2
0	5	5
0	2	2
0	5	5
0	0.44	0.44
0	2	2
0	5	5
0	2	2
0	5	5
0	2	2
0	1.87	1.87
0	2	2
0	5	5
0	2	2
0	5	5
0	2	2
0	5	5
0	2	2
0	5	5
0	2	2
0	5	5
0	2	2
0	1.27	1.27
0	2	2

N/A	0.2		
N/A	0.2		
N/A	0.2		
N/A	0.2		
N/A	0.2		
N/A	0.2		
N/A	0.2		
N/A	0.2		
N/A	0.2		
N/A	0.2		
N/A	0.2		
N/A	0.2		
N/A	0.2		
N/A	0.2		
N/A	0.2		
N/A	0.2		
N/A	0.2		
N/A	0.2		
N/A	0.2		
N/A	2		
N/A	5		
N/A	2		
N/A	5		
N/A	2		
N/A	5		
N/A	2		
N/A	5		
			N/A
N/A	0.44		
N/A	2		
N/A	5		
N/A	2		
N/A	5		
N/A	2		
N/A	1.87		
N/A	2		
N/A	5		
N/A	2		
N/A	5		
N/A	2		
N/A	5		
N/A	2		
N/A	5		
N/A	2		
N/A	5		
N/A	2		
N/A	1.27		
N/A	2		

Rhesus monkeys were dosed with 280 ug/kg/d of Aroclor 1254 for 5 days out of the week (authors note that this is equiv
Rhesus monkeys were dosed with 280 ug/kg/d of Aroclor 1254 for 5 days out of the week (authors note that this is equiv
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Rhesus monkeys were dosed with 280 ug/kg/d of Aroclor 1254 for 5 days out of the week (authors note that this is equiv
5 adult (age not reported) female cynomolgus monkeys were dosed with 4.7 mg/kgd of Aroclor 1248 3 days a week (auth
6 adult (age not reported) female cynomolgus monkeys were dosed with 11.7 mg/kg/d of Aroclor 1254 (authors noted th
5 adult (age not reported) female cynomolgus monkeys were dosed with 4.7 mg/kgd of Aroclor 1248 3 days a week (auth
6 adult (age not reported) female cynomolgus monkeys were dosed with 11.7 mg/kg/d of Aroclor 1254 (authors noted th
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5 adult (age not reported) female cynomolgus monkeys were dosed with 4.7 mg/kgd of Aroclor 1248 3 days a week (auth

168	0.9	0.199	0.054	1	154 COMPLETE

Katie
Katie
Katie

Tryphonas et al.	1984	198632
Tryphonas et al.	1984	198632
Tryphonas et al.	1984	198632
Tryphonas et al.	1984	198632
Tryphonas et al.	1984	198632
Tryphonas et al.	1984	198632
Tryphonas et al.	1984	198632
Tryphonas et al.	1984	198632
Tryphonas et al.	1984	198632
Tryphonas et al.	1984	198632
Tryphonas et al.	1984	198632
Tryphonas et al.	1984	198632
Tryphonas et al.	1984	198632
Tryphonas et al.	1984	198632
Tryphonas et al.	1984	198632
Tryphonas et al.	1984	198632
Truelove et al.	1982	198633
Truelove et al.	1982	198633
Truelove et al.	1982	198633
Truelove et al.	1982	198633
Truelove et al.	1982	198633
Truelove et al.	1982	198633
Truelove et al.	1982	198633
Truelove et al.	1982	198633
Truelove et al.	1982	198633
Becker et al.	1979	198634
Becker et al.	1979	198634
Becker et al.	1979	198634
Becker et al.	1979	198634
Becker et al.	1979	198634
Becker et al.	1979	198634
Becker et al.	1979	198634
Bleavins et al.	1980	198635
Bleavins et al.	1980	198635
Bleavins et al.	1980	198635
Bleavins et al.	1980	198635
Bleavins et al.	1980	198635
Bleavins et al.	1980	198635
Barsotti et al.	1976	198636
Barsotti et al.	1976	198636
Barsotti et al.	1976	198636
Barsotti et al.	1976	198636
Barsotti et al.	1976	198636
Barsotti et al.	1976	198636
Barsotti et al.	1976	198636
Barsotti et al.	1976	198636
Barsotti et al.	1976	198636
Barsotti et al.	1976	198636

leukocytes
obesity
obesity
tarsal gland distension
tarsal gland distension
eyelids: dilatation of tarsal gland, lymphocytic infiltration, goblet cells in increased numbers
eyelids: dilatation of tarsal gland, lymphocytic infiltration, goblet cells in increased numbers
lacrimation
lacrimation
uterine histopathology
uterine histopathology
pulmonary hemorrhage, emphysema, atelectasis, pleura thickening, adhesions
pulmonary hemorrhage, emphysema, atelectasis, pleura thickening, adhesions
kidney histopathology
kidney histopathology
nail separation
stillbirth
offspring body weight
platelets
red blood cell count, hematocrit, hemoglobin, mean corpuscular volume, reticulocyte count
primary and secondary antibody response to SRBC, TT (P0)
primary and secondary antibody response to SRBC, TT (F1)
susceptibility to infection
whole and differential white blood cell count
rough and dull fur
GI histopathology
hemoglobin
leukocytosis
lethargy
reddening of the eyelids
swelling of the eyelids
litter size, litter number, postnatal mortality
litter size, litter number, postnatal mortality
birth weight, offspring weight gain
gestation length
litter size, whelping rate
litter size, whelping rate
acne
alopecia
hair follicles filled with keratin
subcutaneous edema
resorptions or abortions, stillborn, normal births
birth weight
haemogram
haemogram
triglycerides, total lipids
cholesterol

White Blood Cell (WBC) Counts	Immune System
Overweight/Obesity	Metabolic
Overweight/Obesity	Metabolic
Meibomian (Tarsal) Gland Enlargement	Ocular
Meibomian (Tarsal) Gland Enlargement	Ocular
Ocular Histopathology	Ocular
Ocular Histopathology	Ocular
Ocular Irritation	Ocular
Ocular Irritation	Ocular
Reproductive Organ Histopathology (F)	Reproductive
Reproductive Organ Histopathology (F)	Reproductive
Pulmonary Histopathology	Respiratory
Pulmonary Histopathology	Respiratory
Kidney Histopathology	Urinary System
Kidney Histopathology	Urinary System
Finger/Toenail Deformity	Dermal
Offspring Mortality	Developmental
Weight and Size (Early Life)	Developmental
Platelets	Hematopoietic
Red Blood Cells/Hemoglobin	Hematopoietic
Antibody Responses	Immune System
Antibody Responses	Immune System
Susceptibility to Infection	Immune System
White Blood Cell (WBC) Counts	Immune System
Alopecia	Dermal
Gastrointestinal Histopathology	Gastrointestinal
Red Blood Cells/Hemoglobin	Hematopoietic
White Blood Cell (WBC) Counts	Immune System
Neurological Symptoms	Nervous System
Ocular Irritation	Ocular
Periorbital Edema	Ocular
Offspring mortality	Developmental
Offspring mortality	Developmental
Weight and size (early life)	Developmental
Gestation Duration/Preterm Birth	Reproductive
Pregnancy/conception rate	Reproductive
Pregnancy/conception rate	Reproductive
Acne/Chloracne	Dermal
Alopecia	Dermal
Dermal Histopathology	Dermal
Subcutaneous Edema	Dermal
Offspring Mortality	Developmental
Weight and Size (Early Life)	Developmental
Platelets	Hematopoietic
Red Blood Cells/Hemoglobin	Hematopoietic
Blood Triglycerides	Hepatobiliary
Cholesterol	Hepatobiliary

Aroclor 1254
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Aroclor 1242
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Aroclor 1242
Aroclor 1248
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Aroclor 1248
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Aroclor 1248

Cynomolgus monkey	Oral-capsule	Primary
Cynomolgus monkey	Oral-capsule	Primary
Cynomolgus monkey	Oral-capsule	Primary
Cynomolgus monkey	Oral-capsule	Primary
Cynomolgus monkey	Oral-capsule	Primary
Cynomolgus monkey	Oral-capsule	Primary
Cynomolgus monkey	Oral-capsule	Primary
Cynomolgus monkey	Oral-capsule	Primary
Cynomolgus monkey	Oral-capsule	Primary
Cynomolgus monkey	Oral-capsule	Primary
Cynomolgus monkey	Oral-capsule	Primary
Cynomolgus monkey	Oral-capsule	Primary
Cynomolgus monkey	Oral-capsule	Primary
Cynomolgus monkey	Oral-capsule	Primary
Cynomolgus monkey	Oral-capsule	Primary
Cynomolgus monkey	Oral-cookie	Primary
Cynomolgus monkey	Oral-cookie	Secondary
Cynomolgus monkey	Oral-cookie	Secondary
Cynomolgus monkey	Oral-cookie	Secondary
Cynomolgus monkey	Oral-cookie	Secondary
Cynomolgus monkey	Oral-cookie	Primary
Cynomolgus monkey	Oral-cookie	Secondary
Cynomolgus monkey	Oral-cookie	Primary
Cynomolgus monkey	Oral-cookie	Secondary
Rhesus monkey	Oral-diet	Primary
Rhesus monkey	Oral-diet	Primary
Rhesus monkey	Oral-diet	Primary
Rhesus monkey	Oral-diet	Primary
Rhesus monkey	Oral-diet	Primary
Rhesus monkey	Oral-diet	Primary
Rhesus monkey	Oral-diet	Primary
Mink	Oral-diet	Secondary
Mink	Oral-diet	Secondary
Mink	Oral-diet	Secondary
Mink	Oral-diet	Primary
Mink	Oral-diet	Primary
Mink	Oral-diet	Primary
Rhesus monkey	Oral-diet	Primary
Rhesus monkey	Oral-diet	Primary
Rhesus monkey	Oral-diet	Primary
Rhesus monkey	Oral-diet	Primary
Rhesus monkey	Oral-diet	Secondary
Rhesus monkey	Oral-diet	Secondary
Rhesus monkey	Oral-diet	Primary
Rhesus monkey	Oral-diet	Primary
Rhesus monkey	Oral-diet	Primary
Rhesus monkey	Oral-diet	Primary

NR (adult)		30	
NR (adult)		58	
NR (adult)		545	
NR (adult)		58	
NR (adult)		30	
NR (adult)		39	
NR (adult)		42	
NR (adult)		58	
NR (adult)		30	
NR (adult)		58	
NR (adult females)		233	
			No 1
			No 1
			No 1
NR (adult females)		180	
			No 1
NR (adult females)		113	
	228	183	
	228	70	
	228	12	
	228	12	
	228	244	
	228	183	
	228	183	
			no 7
			no 5
			no 7
NR (assume 200)		120	
NR (assume 200)		120	
NR (5.57 kg females)		61	
NR (5.57 kg females)		61	
NR (5.57 kg females)		182.5	
NR (5.57 kg females)		173	
			no 1
			no 1
NR (5.57 kg females)		243	

60	165	N/A	N/A	0
60	165	N/A	N/A	0
60	287	N/A	N/A	132
60	247	N/A	N/A	92
-120	52	N/A	N/A	0
-120	52	N/A	N/A	0
-120	80	N/A	N/A	28
-213	168	N/A	N/A	0
-213	168	N/A	N/A	0

		0	5	5
		0	2	2
		0	0.44	0.44
		0	2	2
		0	5	5
		0	2	2
		0	5	5
		0	2	2
		0	5	5
		0	2	2
		0	0.1	0.4
165	3	0	0.1	0.4
165	3	0	0.1	0.4
287	2	0	0.4	0.4
		0	0.1	0.4
247	2	0	0.4	0.4
		0	0.1	0.4
		0	0.12	4
		0	0.12	4
		0	0.12	4
		0	0.12	4
		0	0.12	4
		0	0.12	4
		0	0.12	4
52	3	1	20	20
52	3	1	5	40
80	2	1	20	20
		1	20	20
		1	5	40
		1	2.5	5
		1	2.5	5
		1	2.5	5
		1	2.5	5
168	3	1	2.5	5
168	3	1	2.5	5
		1	2.5	5

N/A	5		
			N/A
			N/A
N/A	2		
N/A	0.44		
N/A	2		
N/A	5		
N/A	2		
N/A	5		
			N/A
			N/A
N/A	2		
N/A	5		
N/A	2		
			N/A
N/A	0.1		
N/A	0.1	N/A	
N/A	0.1	N/A	
			N/A
N/A	0.4	N/A	
N/A	0.1		
N/A	0.4	N/A	
0.1	0.4		
			N/A
N/A	0.12		
0.12	0.4		
N/A	0.12		
N/A	0.12		
N/A	0.12		
N/A	0.12		
N/A	0.12		
N/A	20	N/A	
N/A	5	N/A	
N/A	20	N/A	
			N/A
N/A	20		
N/A	5		
N/A	2.5		
N/A	2.5		
N/A	2.5		
N/A	2.5		
N/A	2.5	N/A	
N/A	2.5	N/A	
			N/A
			N/A
N/A	2.5		
			N/A

6 adult (age not reported) female cynomolgus monkeys were dosed with 11.7 mg/kg/d of Aroclor 1254 (authors noted th
5 adult (age not reported) female cynomolgus monkeys were dosed with 4.7 mg/kgd of Aroclor 1248 3 days a week (auth
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5 adult (age not reported) female cynomolgus monkeys were dosed with 4.7 mg/kgd of Aroclor 1248 3 days a week (auth
6 adult (age not reported) female cynomolgus monkeys were dosed with 11.7 mg/kg/d of Aroclor 1254 (authors noted th
5 adult (age not reported) female cynomolgus monkeys were dosed with 4.7 mg/kgd of Aroclor 1248 3 days a week (auth
6 adult (age not reported) female cynomolgus monkeys were dosed with 11.7 mg/kg/d of Aroclor 1254 (authors noted th
5 adult (age not reported) female cynomolgus monkeys were dosed with 4.7 mg/kgd of Aroclor 1248 3 days a week (auth
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5 adult (age not reported) female cynomolgus monkeys were dosed with 4.7 mg/kgd of Aroclor 1248 3 days a week (auth
6 adult (age not reported) female cynomolgus monkeys were dosed with 11.7 mg/kg/d of Aroclor 1254 (authors noted th
5 adult (age not reported) female cynomolgus monkeys were dosed with 4.7 mg/kgd of Aroclor 1248 3 days a week (auth
6 adult (age not reported) female cynomolgus monkeys were dosed with 11.7 mg/kg/d of Aroclor 1254 (authors noted th
5 adult (age not reported) female cynomolgus monkeys were dosed with 4.7 mg/kgd of Aroclor 1248 3 days a week (auth
6 adult (age not reported) female cynomolgus monkeys were dosed with 11.7 mg/kg/d of Aroclor 1254 (authors noted th
Adult female cynomolgus monkeys were orally dosed with 100 or 400 ug/kg/d of Aroclor 1254 via a drink solution. Monl
Adult female cynomolgus monkeys were orally dosed with 100 or 400 ug/kg/d of Aroclor 1254 via a drink solution. Monl
Adult female cynomolgus monkeys were orally dosed with 100 or 400 ug/kg/d of Aroclor 1254 via a drink solution. Monl
Adult female cynomolgus monkeys were orally dosed with 100 or 400 ug/kg/d of Aroclor 1254 via a drink solution. Monl
Adult female cynomolgus monkeys were orally dosed with 100 or 400 ug/kg/d of Aroclor 1254 via a drink solution. Monl
Adult female cynomolgus monkeys were orally dosed with 100 or 400 ug/kg/d of Aroclor 1254 via a drink solution. Monl
Adult female cynomolgus monkeys were orally dosed with 100 or 400 ug/kg/d of Aroclor 1254 via a drink solution. Monl
Adult female cynomolgus monkeys were orally dosed with 100 or 400 ug/kg/d of Aroclor 1254 via a drink solution. Monl
Adult female cynomolgus monkeys were orally dosed with 100 or 400 ug/kg/d of Aroclor 1254 via a drink solution. Monl
Age 7-8 months male rhesus monkeys were dosed with Aroclor 1242 via the diet at dosing levels 3, 10, 30, and 100 ppm.
Age 7-8 months male rhesus monkeys were dosed with Aroclor 1242 via the diet at dosing levels 3, 10, 30, and 100 ppm.
Age 7-8 months male rhesus monkeys were dosed with Aroclor 1242 via the diet at dosing levels 3, 10, 30, and 100 ppm.
Age 7-8 months male rhesus monkeys were dosed with Aroclor 1242 via the diet at dosing levels 3, 10, 30, and 100 ppm.
Age 7-8 months male rhesus monkeys were dosed with Aroclor 1242 via the diet at dosing levels 3, 10, 30, and 100 ppm.
Age 7-8 months male rhesus monkeys were dosed with Aroclor 1242 via the diet at dosing levels 3, 10, 30, and 100 ppm.
Age 7-8 months male rhesus monkeys were dosed with Aroclor 1242 via the diet at dosing levels 3, 10, 30, and 100 ppm.
Dosing from 11/1/1977 to 7/5/1978; "The female mink were mated in March"; assume mating on 3/1/1978, litter numbe
Dosing from 11/1/1977 to 7/5/1978; "The female mink were mated in March"; assume mating on 3/1/1978, litter numbe
Dosing from 11/1/1977 to 7/5/1978; "The female mink were mated in March"; assume mating on 3/1/1978, kit weight al

Dosing from 11/1/1977 to 7/5/1978; "The female mink were mated in March"; assume mating on 3/1/1978; litter numbe
Dosing from 11/1/1977 to 7/5/1978; "The female mink were mated in March"; assume mating on 3/1/1978; litter numbe
Rhesus monkeys fed 2.5 or 5.0 ppm A1248 for 7 months, ad lib. Acne was observed at 2 months of exposure: "Within 2 m
Rhesus monkeys fed 2.5 or 5.0 ppm A1248 for 7 months, ad lib. Alopecia was observed at 2 months of exposure: "Within
Rhesus monkeys fed 2.5 or 5.0 ppm A1248 for 7 months, ad lib. Dermal histopathology was evaluated at 6 months of exp
Rhesus monkeys fed 2.5 or 5.0 ppm A1248 for 7 months, ad lib. ("The major gross findings at autopsy included generalize
Dosing for 7 months prior to mating and throughout gestation (rhesus monkeys); offspring mortality observed prior to bi
Dosing for 7 months prior to mating and throughout gestation (rhesus monkeys); infant weight evaluated at birth. ("Viab
Rhesus monkeys fed 2.5 or 5.0 ppm A1248 for 7 months, ad lib. ("Haemograms remained relatively normal throughout th
Rhesus monkeys fed 2.5 or 5.0 ppm A1248 for 7 months, ad lib. ("Haemograms remained relatively normal throughout th
Rhesus monkeys fed 2.5 or 5.0 ppm A1248 for 7 months, ad lib. Change in total lipids was significant after 8 months of ex
Rhesus monkeys fed 2.5 or 5.0 ppm A1248 for 7 months, ad lib. No significant change in cholesterol - Table 2

168	0.9	0.199	0.054	1	154	COMPLETE
168	0.9	0.199	0.054	1	154	COMPLETE
168	0.9	0.199	0.054	1	154	COMPLETE
168	0.9	0.199	0.054	1	154	COMPLETE
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168	0.9	0.199	0.054	1	154	COMPLETE
168	0.9	0.199	0.054	1	154	COMPLETE
168	0.9	0.199	0.054	1	154	COMPLETE
52	0.9	0.312	0.066	5	56	COMPLETE
52	0.9	0.312	0.066	5	56	COMPLETE
52	0.9	0.312	0.066	5	56	COMPLETE
52	0.9	0.312	0.066	5	56	COMPLETE
52	0.9	0.312	0.066	5	56	COMPLETE
52	0.9	0.312	0.066	5	56	COMPLETE
168	0.9	0.199	0.054	1	154	COMPLETE
168	0.9	0.199	0.054	1	154	COMPLETE
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168	0.9	0.199	0.054	1	154	COMPLETE
168	0.9	0.199	0.054	1	154	COMPLETE
168	0.9	0.199	0.054	1	154	COMPLETE

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Barsotti et al.	1976	198636
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Byrne et al.	1988	198639
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Tryphonas et al.	1991	198699
Tryphonas et al.	1991	198699
Tryphonas et al.	1991	198699
Tryphonas et al.	1991	198699

liver histopathology
liver lipids
serum glutamic-pyruvic transaminase (SGPT)
infection
haemogram
erythema of the eyes
periorbital oedema
menstrual cycle
male fertility rate
total impregnated, normal births
sperm count
adrenal weight
adrenal cortex hormones (DHEA, DHEA-S)
adrenal cortex hormones (DHEA, DHEA-S)
adrenal cortex hormones (corticosterone, DHEA, DHEA-S)
liver weight
DHEA, DHEA-S
DHEA, DHEA-S
DHEA, DHEA-S
nail changes
food consumption
demeanor
inflammation and/or prominence of Meibomian glands
eye exudate
length of menstrual cycle
sebaceous gland histopathology
osmolality
hydocortisone (cortisol)
thyroxine/triiodothyronine (T4/T3) uptake ratio, percentage T3 uptake and free thyroxine index
mean platelet volume, platelet count, platelet distribution width
red blood cell count, hemoglobin levels, hematocrit, mean corpuscular volume, MCHC, MCH, red cell distribution width,
triglycerides
cholesterol
urinary porphyrins
total bilirubin, aspartate aminotransferase, alanine aminotransferase, lactate dehydrogenase, alkaline phosphatase, γ-Gl
total serum IgG, IgA, IgM, globulins
WBC, basophils, eosinophils, neutrophils, lymphocytes, monocytes
serum glucose
menstrual cycle length and phase duration
estrogen and progesterone
carbon dioxide
blood urea nitrogen
distortion and loss of fingernails
serum hydrocortisone levels
anamnestic (IgM and IgG) response to SRBC, antibody response to pneumococcus antigen
lymphoproliferative response to PHA and ConA, one way MLR, phagocytic activity, monocyte production of IL-1
lymphocyte subpopulations analysis

Liver Histopathology	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Serum Biomarkers of Liver Health & Function	Hepatobiliary
Susceptibility to Infection	Immune System
White Blood Cell (WBC) Counts	Immune System
Ocular Irritation	Ocular
Periorbital Edema	Ocular
Estrous/Menstrual Cycle	Reproductive
Male Fertility	Reproductive
Pregnancy/Conception Rate	Reproductive
Sperm/Semen Parameters	Reproductive
Adrenal Weight	Endocrine
HPA Hormones	Endocrine
HPA Hormones	Endocrine
HPA Hormones	Endocrine
Liver Weight/Hepatomegaly	Hepatobiliary
Sex Hormone Levels (F)	Reproductive
Sex Hormone Levels (F)	Reproductive
Sex Hormone Levels (F)	Reproductive
Finger/Toenail Deformity	Dermal
Digestive System Complaints/Diseases	Gastrointestinal
Emotional state/affective behavior	Nervous System
Meibomian (Tarsal) Gland Enlargement	Ocular
Ocular Discharge	Ocular
Estrous/Menstrual Cycle	Reproductive
Dermal Histopathology	Dermal
ADH/vasopressin & osmoregulation	Endocrine
HPA Hormones	Endocrine
HPT Hormones	Endocrine
Platelets	Hematopoietic
Red Blood Cells/Hemoglobin	Hematopoietic
Blood Triglycerides	Hepatobiliary
Cholesterol	Hepatobiliary
Porphyrins	Hepatobiliary
Serum Biomarkers of Liver Health & Function	Hepatobiliary
Immunoglobulin Levels - Nonspecific	Immune System
White Blood Cell (WBC) Counts	Immune System
Blood/Urinary Glucose	Metabolic
Estrous/Menstrual Cycle	Reproductive
Sex Hormone Levels (F)	Reproductive
Blood Gas Tension	Respiratory
Serum Biomarkers of Renal Function	Urinary System
Finger/Toenail Deformity	Dermal
HPA Hormones	Endocrine
Antibody Responses	Immune System
Ex Vivo WBC Function	Immune System
White Blood Cell (WBC) Counts	Immune System

Aroclor 1248
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Rhesus monkey	Oral-diet	Primary
Rhesus monkey	Oral-diet	Primary
Rhesus monkey	Oral-diet	Primary
Rhesus monkey	Oral-diet	Primary
Rhesus monkey	Oral-diet	Primary
Rhesus monkey	Oral-diet	Primary
Rhesus monkey	Oral-diet	Primary
Rhesus monkey	Oral-diet	Primary
Rhesus monkey	Oral-diet	Primary
Rhesus monkey	Oral-diet	Primary
Rhesus monkey	Oral-diet	Primary
Rhesus monkey	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rhesus monkey	Oral-capsule	Primary
Rhesus monkey	Oral-capsule	Primary
Rhesus monkey	Oral-capsule	Primary
Rhesus monkey	Oral-capsule	Primary
Rhesus monkey	Oral-capsule	Primary
Rhesus monkey	Oral-capsule	Primary
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Rhesus monkey	Oral-capsule	Primary
Rhesus monkey	Oral-capsule	Primary

NR (5.57 kg females)		173
NR (5.57 kg females)		173
NR (5.57 kg females)		243
NR (5.57 kg females)		173
NR (5.57 kg females)		61
NR (5.57 kg females)		61
NR (5.57 kg females)		122
NR (5.57 kg females)		213
NR (225-250g) female		155
NR (225-250g) female		110
NR (225-250g) female		70
NR (225-250g) female		30
NR (225-250g) female		70
NR (225-250g) female		70
NR (225-250g) female		30
	4052	1125
	4052	1125
	4052	1125
	4198	608
	4052	375
	4052	389
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	4052	1673
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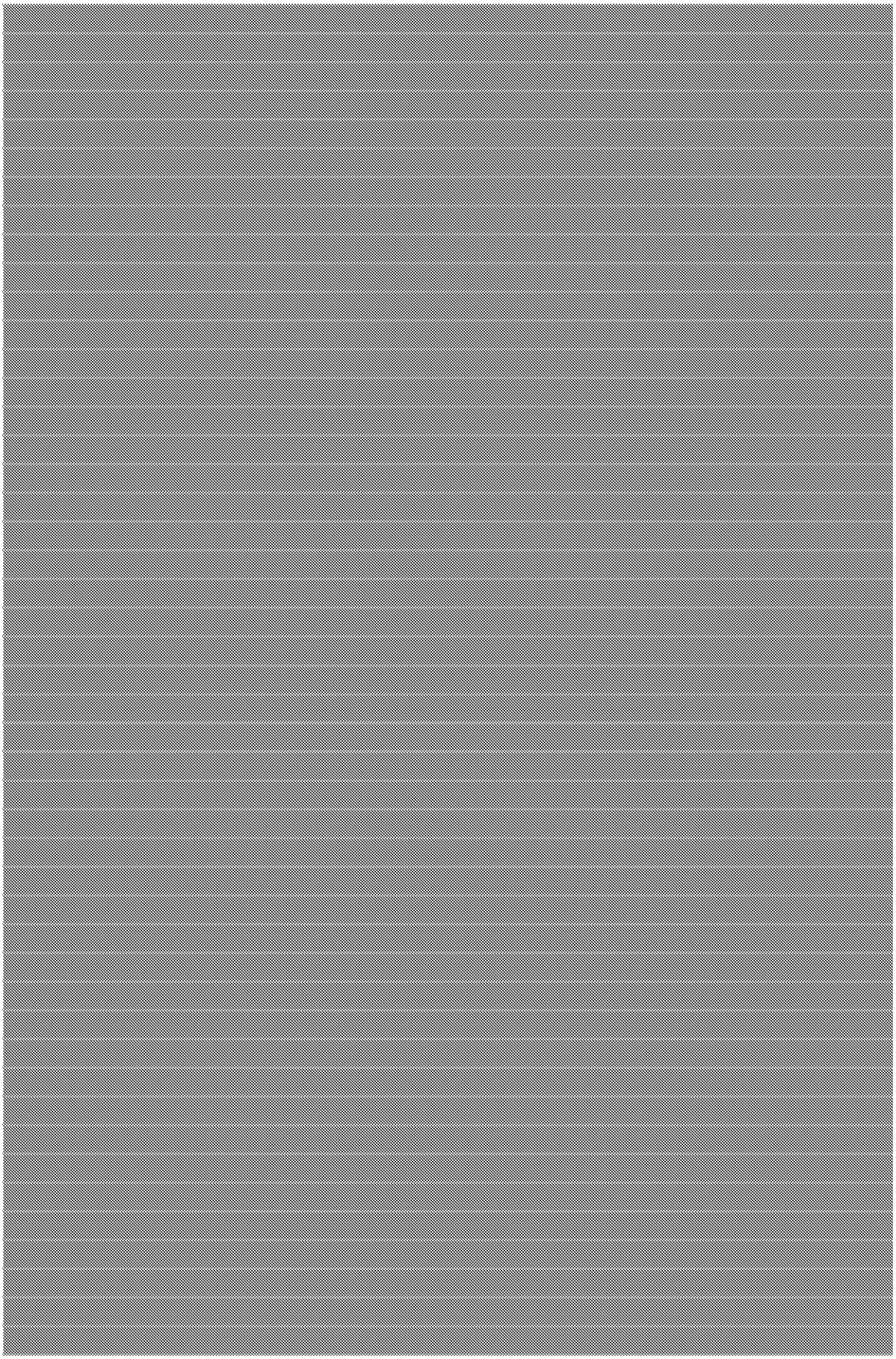

1	2.5	5
1	2.5	5
1	2.5	5
1	2.5	5
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1	2.5	5
0	0.0835	4.19
0	0.0835	4.19
0	0.0835	4.19
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0	0.005	0.08
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N/A	2.5		
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N/A	0.0835		
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N/A	0.0835		
0.0835	0.4079		
			N/A
N/A	0.0835		
N/A	0.0835		
0.0835	0.4079		
N/A	0.005		
			N/A
			N/A
N/A	0.005		
0.04	0.08		
			N/A
0.04	0.08		
			N/A
			N/A
			N/A
			N/A
0.04	0.08		
			N/A
0.02	0.04		
			N/A
0.04	0.08		
			N/A
0.04	0.08		
			N/A
0.04	0.08		
			N/A
			N/A
			N/A
N/A	0.005		
			N/A
N/A	0.005		
0.02	0.04		
N/A	0.005		

Rhesus monkeys fed 2.5 or 5.0 ppm A1248 for 7 months, ad lib. ("Throughout the liver there were focal areas of necrosis
Rhesus monkeys fed 2.5 or 5.0 ppm A1248 for 7 months, ad lib. ("Hepatocytes were enlarged and contained numerous sı
Rhesus monkeys fed 2.5 or 5.0 ppm A1248 for 7 months, ad lib. SGPT was altered after 8 months of exposure (Table 2)
Rhesus monkeys fed 2.5 or 5.0 ppm A1248 for 7 months, ad lib. ("In addition, both animals developed terminally a sever
Rhesus monkeys fed 2.5 or 5.0 ppm A1248 for 7 months, ad lib. ("Haemograms remained relatively normal throughout t
Rhesus monkeys fed 2.5 or 5.0 ppm A1248 for 7 months, ad lib. Erythema of the eyes was observed at 2 months of expos
Rhesus monkeys fed 2.5 or 5.0 ppm A1248 for 7 months, ad lib. Periorbital oedema was observed at 2 months of exposuı
Rhesus monkeys fed 2.5 or 5.0 ppm A1248 for 7 months, ad lib. Increased menstrual cycle duration was observed at 4 mo
Rhesus monkeys fed 2.5 or 5.0 ppm A1248 for 7 months, ad lib. ("In spite of these rises there was no alteration in their g
Dosing for 7 months prior to mating and throughout gestation (rhesus monkeys); number of pregnant dams as a reprodu
Rhesus monkeys fed 2.5 or 5.0 ppm A1248 for 7 months, ad lib. ("In spite of these rises there was no alteration in their g
Female Sprague-Dawley rats weighing 225-250g at the beginning of the study were dosed via the diet with 1, 5, 10, or 50
Female Sprague-Dawley rats weighing 225-250g at the beginning of the study were dosed via the diet with 1, 5, or 50 ppı
Female Sprague-Dawley rats weighing 225-250g at the beginning of the study were dosed via the diet with 1, 5, or 50 ppı
Female Sprague-Dawley rats weighing 225-250g at the beginning of the study were dosed via the diet with 1, 5, 10, or 50
Female Sprague-Dawley rats weighing 225-250g at the beginning of the study were dosed via the diet with 1, 5, 10, or 50
Female Sprague-Dawley rats weighing 225-250g at the beginning of the study were dosed via the diet with 1, 5, or 50 ppı
Female Sprague-Dawley rats weighing 225-250g at the beginning of the study were dosed via the diet with 1, 5, or 50 ppı
Female Sprague-Dawley rats weighing 225-250g at the beginning of the study were dosed via the diet with 1, 5, 10, or 50
Female rhesus monkeys 11.1 years old on average at the start of the study were dosed with 5, 20, 40, or 80 ug/kg/d of Ar
Female rhesus monkeys 11.1 years old on average at the start of the study were dosed with 5, 20, 40, or 80 ug/kg/d of Ar
Female rhesus monkeys 11.1 years old on average at the start of the study were dosed with 5, 20, 40, or 80 ug/kg/d of Ar
Female rhesus monkeys 11.1 years old on average at the start of the study were dosed with 5, 20, 40, or 80 ug/kg/d of Ar
Female rhesus monkeys 11.1 years old on average at the start of the study were dosed with 5, 20, 40, or 80 ug/kg/d of Ar
Female rhesus monkeys 11.1 years old on average at the start of the study were dosed with 5, 20, 40, or 80 ug/kg/d of Ar
Rhesus monkeys (average age 11.1yr) were trained to consume a capsule daily that contained either 5, 20, 40, or 80 ug/k
Rhesus monkeys (average age 11.1yr) were trained to consume a capsule daily that contained either 5, 20, 40, or 80 ug/k
Rhesus monkeys (average age 11.1yr) were trained to consume a capsule daily that contained either 5, 20, 40, or 80 ug/k
Rhesus monkeys (average age 11.1yr) were trained to consume a capsule daily that contained either 5, 20, 40, or 80 ug/k
Rhesus monkeys (average age 11.1yr) were trained to consume a capsule daily that contained either 5, 20, 40, or 80 ug/k
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Rhesus monkeys (average age 11.1yr) were trained to consume a capsule daily that contained either 5, 20, 40, or 80 ug/k
Rhesus monkeys (average age 11.1yr) were trained to consume a capsule daily that contained either 5, 20, 40, or 80 ug/k
Rhesus monkeys (average age 11.1yr) were trained to consume a capsule daily that contained either 5, 20, 40, or 80 ug/k
Rhesus monkeys (average age 11.1yr) were trained to consume a capsule daily that contained either 5, 20, 40, or 80 ug/k
Rhesus monkeys (average age 11.1yr) were trained to consume a capsule daily that contained either 5, 20, 40, or 80 ug/k
Rhesus monkeys (average age 11.1yr) were trained to consume a capsule daily that contained either 5, 20, 40, or 80 ug/k
Rhesus monkeys (average age 11.1yr) were trained to consume a capsule daily that contained either 5, 20, 40, or 80 ug/k
Rhesus monkeys (average age 11.1yr) were trained to consume a capsule daily that contained either 5, 20, 40, or 80 ug/k
Rhesus monkeys (average age 11.1yr) were trained to consume a capsule daily that contained either 5, 20, 40, or 80 ug/k
Rhesus monkeys (average age 11.1yr) were trained to consume a capsule daily that contained either 5, 20, 40, or 80 ug/k
Rhesus monkeys (average age 11.1yr) were trained to consume a capsule daily that contained either 5, 20, 40, or 80 ug/k
Adult (on average 11.1 years old at start of study) female rhesus monkeys were orally dosed via capsule with 5, 20, 40, or
Adult (on average 11.1 years old at start of study) female rhesus monkeys were orally dosed via capsule with 5, 20, 40, or
Adult (on average 11.1 years old at start of study) female rhesus monkeys were orally dosed via capsule with 5, 20, 40, or
Adult (on average 11.1 years old at start of study) female rhesus monkeys were orally dosed via capsule with 5, 20, 40, or
Adult (on average 11.1 years old at start of study) female rhesus monkeys were orally dosed via capsule with 5, 20, 40, or

168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
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168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE

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Tryphonas et al.	1991	198699
Tryphonas et al.	1991	198700
Tryphonas et al.	1991	198700
Mayes et al.	1998	198857
Mayes et al.	1998	198857
Mayes et al.	1998	198857

enlargement of tarsal glands
NK cell activity, PBL production of IFN, monocyte production of TNF
NK cell numbers
thyroid histopathology
thyroid histopathology
thyroid histopathology
thyroid histopathology
thyroid weight
thyroid weight
thyroid weight
thyroid weight
platelet count
platelet count
platelet count
platelet count
Hb, Hct, MCV, MCH, MCHC, reticulocytes, RBC
Hb, Hct, MCV, MCH, MCHC, reticulocytes, RBC
Hb, Hct, MCV, MCH, MCHC, reticulocytes, RBC
Hb, Hct, MCV, MCH, MCHC, reticulocytes, RBC
cholesterol
cholesterol
cholesterol
cholesterol
liver lesions (non- neoplastic)
liver lesions (non- neoplastic)
liver lesions (non- neoplastic)
liver lesions (non- neoplastic)
liver weight
liver weight
liver weight
liver weight
AST, ALT, GGT, total bilirubin
AST, ALT, GGT, total bilirubin
AST, ALT, GGT, total bilirubin
AST, ALT, GGT, total bilirubin
WBC counts, differential
WBC counts, differential
WBC counts, differential
WBC counts, differential
urinary and blood glucose
urinary and blood glucose
urinary and blood glucose
urinary and blood glucose
blood urea nitrogen
blood urea nitrogen
blood urea nitrogen
blood urea nitrogen

Meibomian (Tarsal) Gland Enlargement	Ocular
Ex Vivo WBC Function	Immune System
White Blood Cell (WBC) Counts	Immune System
Thyroid Histopathology	Endocrine
Thyroid Histopathology	Endocrine
Thyroid Histopathology	Endocrine
Thyroid Histopathology	Endocrine
Thyroid Size/Weight	Endocrine
Thyroid Size/Weight	Endocrine
Thyroid Size/Weight	Endocrine
Thyroid Size/Weight	Endocrine
Platelets	Hematopoietic
Platelets	Hematopoietic
Platelets	Hematopoietic
Platelets	Hematopoietic
Red Blood Cells/Hemoglobin	Hematopoietic
Red Blood Cells/Hemoglobin	Hematopoietic
Red Blood Cells/Hemoglobin	Hematopoietic
Red Blood Cells/Hemoglobin	Hematopoietic
Cholesterol	Hepatobiliary
Cholesterol	Hepatobiliary
Cholesterol	Hepatobiliary
Cholesterol	Hepatobiliary
Liver Histopathology	Hepatobiliary
Liver Histopathology	Hepatobiliary
Liver Histopathology	Hepatobiliary
Liver Histopathology	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Serum Biomarkers of Liver Health & Function	Hepatobiliary
Serum Biomarkers of Liver Health & Function	Hepatobiliary
Serum Biomarkers of Liver Health & Function	Hepatobiliary
Serum Biomarkers of Liver Health & Function	Hepatobiliary
White Blood Cell (WBC) Counts	Immune System
White Blood Cell (WBC) Counts	Immune System
White Blood Cell (WBC) Counts	Immune System
White Blood Cell (WBC) Counts	Immune System
Blood/Urinary Glucose	Metabolic
Blood/Urinary Glucose	Metabolic
Blood/Urinary Glucose	Metabolic
Blood/Urinary Glucose	Metabolic
Serum Biomarkers of Renal Function	Urinary System
Serum Biomarkers of Renal Function	Urinary System
Serum Biomarkers of Renal Function	Urinary System
Serum Biomarkers of Renal Function	Urinary System

Aroclor 1254
Aroclor 1254
Aroclor 1254
Aroclor 1016
Aroclor 1242
Aroclor 1254
Aroclor 1260
Aroclor 1016
Aroclor 1242
Aroclor 1254
Aroclor 1260
Aroclor 1016
Aroclor 1242
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Aroclor 1254
Aroclor 1260
Aroclor 1016
Aroclor 1242
Aroclor 1254
Aroclor 1260
Aroclor 1016
Aroclor 1242
Aroclor 1254
Aroclor 1260

Rhesus monkey	Oral-capsule	Primary
Rhesus monkey	Oral-capsule	Primary
Rhesus monkey	Oral-capsule	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet

4052	1673	
4052	1673	
46	730	
46	730	
53	730	
53	730	
46	730	
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46	730	
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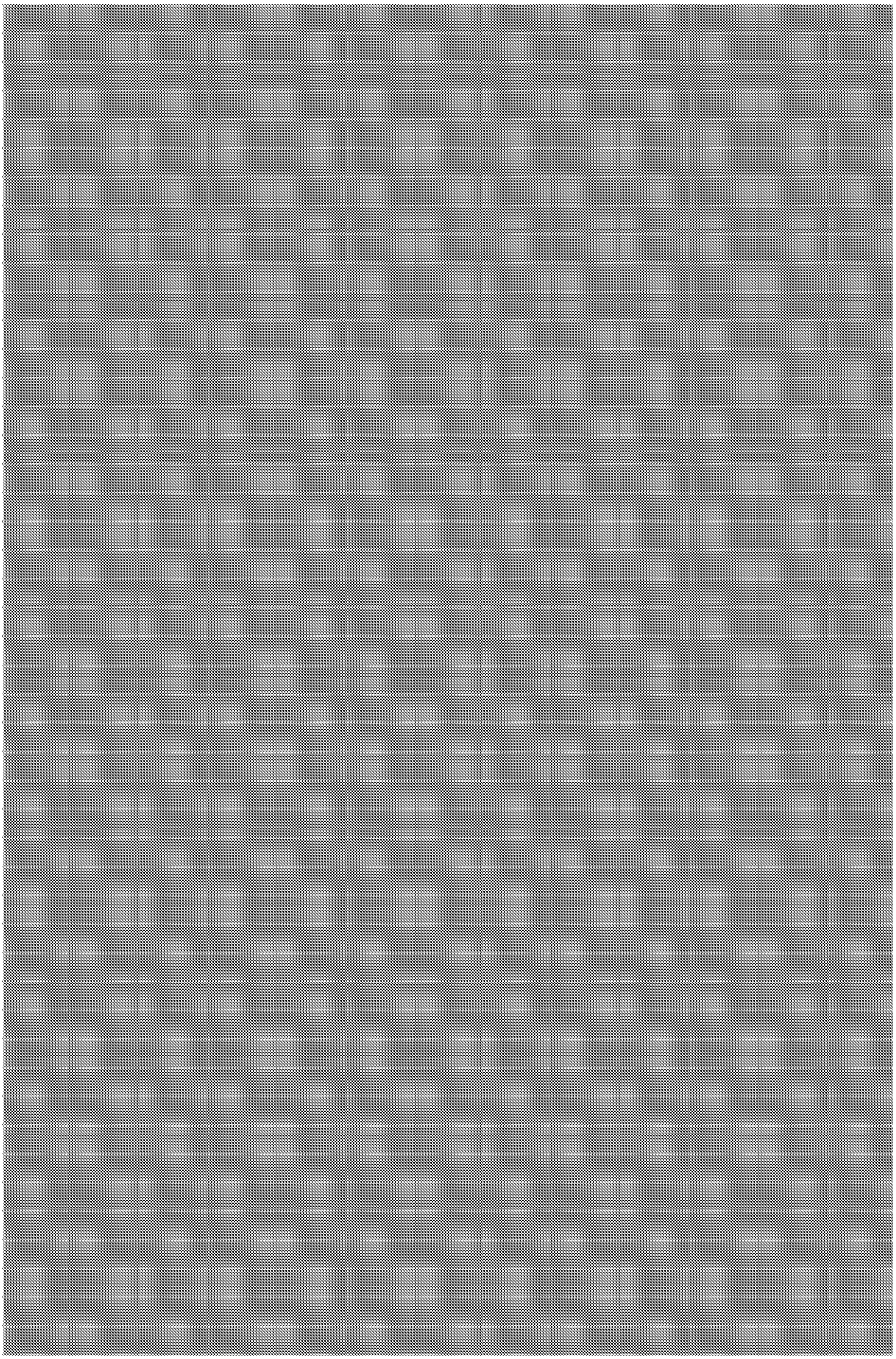

0	0.005	0.08
0	0.005	0.08
0	1	4.3
0	1	4.1
0	2.7	11.2
0	2.8	5.7
0	1	4.3
0	1	4.1
0	2.8	5.7
0	1	4.3
0	1.4	5.8
0	2	8
0	2	4
0	1	4.3
0	1	4.1
0	2.7	11.2
0	2.8	5.7
0	1.4	6.1
0	1.4	5.8
0	2.8	5.7
0	1.4	6.1
0	1.4	5.8

N/A		0.005		
	0.005	0.02		
				N/A
				N/A
				N/A
				N/A
				N/A
				N/A
				N/A
N/A		1		
N/A		1		
				N/A
				N/A
				N/A
				N/A
N/A		2.7		
	2.8	5.7		
N/A		1		
N/A		1		
				N/A
	2.8	5.7		
N/A		1		
	1.4	2.8		
N/A		2		
N/A		2		
N/A		1		
N/A		1		
	2.7	5.4		
	2.8	5.7		
N/A		1.4		
N/A		1.4		
				N/A
	2.8	5.7		
	1.4	2.9		
N/A		1.4		
				N/A
				N/A
				N/A
				N/A
				N/A
				N/A
				N/A
				N/A
				N/A
				N/A
				N/A
				N/A

Adult (on average 11.1 years old at start of study) female rhesus monkeys were orally dosed via capsule with 5, 20, 40, or
Adult (11.1 years of age on average at start of study) female rhesus monkeys dosed via oral capsule with 5, 20, 40, or 80
Adult (11.1 years of age on average at start of study) female rhesus monkeys dosed via oral capsule with 5, 20, 40, or 80
Male (6-7 weeks old) and female (7-8 weeks old) Sprague-Dawley rats were dosed via the diet with Aroclor 1016 at 50, 1
Male (6-7 weeks old) and female (7-8 weeks old) Sprague-Dawley rats were dosed via the diet with Aroclor 1242 at 50 an
Male (6-7 weeks old) and female (7-8 weeks old) Sprague-Dawley rats were dosed via the diet with Aroclor 1254 at 25, 5
Male (6-7 weeks old) and female (7-8 weeks old) Sprague-Dawley rats were dosed via the diet with Aroclor 1260 at 25, 5
Male (6-7 weeks old) and female (7-8 weeks old) Sprague-Dawley rats were dosed via the diet with Aroclor 1016 at 50, 1
Male (6-7 weeks old) and female (7-8 weeks old) Sprague-Dawley rats were dosed via the diet with Aroclor 1242 at 50 an
Male (6-7 weeks old) and female (7-8 weeks old) Sprague-Dawley rats were dosed via the diet with Aroclor 1254 at 25, 5
Male (6-7 weeks old) and female (7-8 weeks old) Sprague-Dawley rats were dosed via the diet with Aroclor 1260 at 25, 5
Male (6-7 weeks old) and female (7-8 weeks old) Sprague-Dawley rats were dosed via the diet with Aroclor 1016 at 50, 1
Male (6-7 weeks old) and female (7-8 weeks old) Sprague-Dawley rats were dosed via the diet with Aroclor 1242 at 50 an
Male (6-7 weeks old) and female (7-8 weeks old) Sprague-Dawley rats were dosed via the diet with Aroclor 1254 at 25, 5
Male (6-7 weeks old) and female (7-8 weeks old) Sprague-Dawley rats were dosed via the diet with Aroclor 1260 at 25, 5
Male (6-7 weeks old) and female (7-8 weeks old) Sprague-Dawley rats were dosed via the diet with Aroclor 1016 at 50, 1
Male (6-7 weeks old) and female (7-8 weeks old) Sprague-Dawley rats were dosed via the diet with Aroclor 1242 at 50 an
Male (6-7 weeks old) and female (7-8 weeks old) Sprague-Dawley rats were dosed via the diet with Aroclor 1254 at 25, 5
Male (6-7 weeks old) and female (7-8 weeks old) Sprague-Dawley rats were dosed via the diet with Aroclor 1260 at 25, 5
Male (6-7 weeks old) and female (7-8 weeks old) Sprague-Dawley rats were dosed via the diet with Aroclor 1016 at 50, 1
Male (6-7 weeks old) and female (7-8 weeks old) Sprague-Dawley rats were dosed via the diet with Aroclor 1242 at 50 an
Male (6-7 weeks old) and female (7-8 weeks old) Sprague-Dawley rats were dosed via the diet with Aroclor 1254 at 25, 5
Male (6-7 weeks old) and female (7-8 weeks old) Sprague-Dawley rats were dosed via the diet with Aroclor 1260 at 25, 5
Male (6-7 weeks old) and female (7-8 weeks old) Sprague-Dawley rats were dosed via the diet with Aroclor 1016 at 50, 1
Male (6-7 weeks old) and female (7-8 weeks old) Sprague-Dawley rats were dosed via the diet with Aroclor 1242 at 50 an
Male (6-7 weeks old) and female (7-8 weeks old) Sprague-Dawley rats were dosed via the diet with Aroclor 1254 at 25, 5
Male (6-7 weeks old) and female (7-8 weeks old) Sprague-Dawley rats were dosed via the diet with Aroclor 1260 at 25, 5
Male (6-7 weeks old) and female (7-8 weeks old) Sprague-Dawley rats were dosed via the diet with Aroclor 1016 at 50, 1
Male (6-7 weeks old) and female (7-8 weeks old) Sprague-Dawley rats were dosed via the diet with Aroclor 1242 at 50 an
Male (6-7 weeks old) and female (7-8 weeks old) Sprague-Dawley rats were dosed via the diet with Aroclor 1254 at 25, 5
Male (6-7 weeks old) and female (7-8 weeks old) Sprague-Dawley rats were dosed via the diet with Aroclor 1260 at 25, 5
Male (6-7 weeks old) and female (7-8 weeks old) Sprague-Dawley rats were dosed via the diet with Aroclor 1016 at 50, 1
Male (6-7 weeks old) and female (7-8 weeks old) Sprague-Dawley rats were dosed via the diet with Aroclor 1242 at 50 an
Male (6-7 weeks old) and female (7-8 weeks old) Sprague-Dawley rats were dosed via the diet with Aroclor 1254 at 25, 5
Male (6-7 weeks old) and female (7-8 weeks old) Sprague-Dawley rats were dosed via the diet with Aroclor 1260 at 25, 5
Male (6-7 weeks old) and female (7-8 weeks old) Sprague-Dawley rats were dosed via the diet with Aroclor 1016 at 50, 1
Male (6-7 weeks old) and female (7-8 weeks old) Sprague-Dawley rats were dosed via the diet with Aroclor 1242 at 50 an
Male (6-7 weeks old) and female (7-8 weeks old) Sprague-Dawley rats were dosed via the diet with Aroclor 1254 at 25, 5
Male (6-7 weeks old) and female (7-8 weeks old) Sprague-Dawley rats were dosed via the diet with Aroclor 1260 at 25, 5
Male (6-7 weeks old) and female (7-8 weeks old) Sprague-Dawley rats were dosed via the diet with Aroclor 1016 at 50, 1
Male (6-7 weeks old) and female (7-8 weeks old) Sprague-Dawley rats were dosed via the diet with Aroclor 1242 at 50 an
Male (6-7 weeks old) and female (7-8 weeks old) Sprague-Dawley rats were dosed via the diet with Aroclor 1254 at 25, 5
Male (6-7 weeks old) and female (7-8 weeks old) Sprague-Dawley rats were dosed via the diet with Aroclor 1260 at 25, 5
Male (6-7 weeks old) and female (7-8 weeks old) Sprague-Dawley rats were dosed via the diet with Aroclor 1016 at 50, 1
Male (6-7 weeks old) and female (7-8 weeks old) Sprague-Dawley rats were dosed via the diet with Aroclor 1242 at 50 an
Male (6-7 weeks old) and female (7-8 weeks old) Sprague-Dawley rats were dosed via the diet with Aroclor 1254 at 25, 5
Male (6-7 weeks old) and female (7-8 weeks old) Sprague-Dawley rats were dosed via the diet with Aroclor 1260 at 25, 5

168	0.9	0.199	0.054	1	154	COMPLETE
168	0.9	0.199	0.054	1	154	COMPLETE
168	0.9	0.199	0.054	1	154	COMPLETE
22	0.9	0.094	0.154	10	21

Katie
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Mayes et al.	1998	198857
Mayes et al.	1998	198857
Mayes et al.	1998	198857
Mayes et al.	1998	198857
Anderson et al.	1986	198858
Anderson et al.	1986	198858
Anderson et al.	1986	198858
Pantaleoni et al.	1988	198866
Pantaleoni et al.	1988	198866
Pantaleoni et al.	1988	198866
Pantaleoni et al.	1988	198866
Pantaleoni et al.	1988	198866
Pantaleoni et al.	1988	198866
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Pantaleoni et al.	1988	198866
Pantaleoni et al.	1988	198866
Pantaleoni et al.	1988	198866
Arnold et al.	1996	198870
Rao et al.	1993	198911
Arnold et al.	1995	199456
Arnold et al.	1995	199456
Arnold et al.	1995	199456
Arnold et al.	1995	199456
Arnold et al.	1995	199456
Arnold et al.	1995	199456
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Arnold et al.	1995	199456
Arnold et al.	1995	199456
Arnold et al.	1995	199456
Arnold et al.	1995	199456
Arnold et al.	1995	199456
Cocchi et al.	2009	199561
Cocchi et al.	2009	199561
Cocchi et al.	2009	199561
Cocchi et al.	2009	199561
Cocchi et al.	2009	199561
Cocchi et al.	2009	199561
Cocchi et al.	2009	199561
Cocchi et al.	2009	199561
Cocchi et al.	2009	199561

urine: specific gravity, volume, color, appearance, microscopic characteristics, pH, protein, blood, ketones, bilirubin, and
urine: specific gravity, volume, color, appearance, microscopic characteristics, pH, protein, blood, ketones, bilirubin, and
urine: specific gravity, volume, color, appearance, microscopic characteristics, pH, protein, blood, ketones, bilirubin, and
urine: specific gravity, volume, color, appearance, microscopic characteristics, pH, protein, blood, ketones, bilirubin, and
liver histopathology
liver weight
reproductive effectiveness of male mice
malformations
malformations
litter size
litter size
body weight
body weight
open field activity; active avoidance
open field activity; active avoidance
open field activity; active avoidance
reflex development (surface righting, cliff avoidance, negative geotaxis); swimming
reflex development (surface righting, cliff avoidance, negative geotaxis); swimming
reflex development (surface righting, cliff avoidance, negative geotaxis); swimming
litter size
endometrial lesions
degeneration, necrosis, and disarray in adrenal cortex and medulla
nail bed prominence, elevated nails, nails folding on themselves
gum recession
number of live infants, number of post partum deaths, number of abortions, number of suspected resorptions, number c
body weight at birth, growth (anthropometric measurements), osseus development via xray
reticulocyte counts
cholesterol
indirect bilirubin, alanine aminotransferase
IgM and IgG antibody response to SRBCs
mitogen-stimulated lymphocyte proliferation, mixed lymphocyte culture, natural killer cell activity
leukocyte count (blood), leukocyte differential (blood)
osseus development via xray
tooth eruption
conjunctivitis
inflammation and/or enlargement of tarsal glands
gestation length
number impregnated, number of live infants
malformations
number of pups per litter, postnatal survival rate
percentage of males per litter
offspring growth
free T3, free T4
IGF-1
bone mineral content, bone mineral density
width of the tibial epiphyseal cartilage (measured via steroscope), whole bone planar area (measured by DEXA), peripher
ovarian weight

Urinalysis	Urinary System
Urinalysis	Urinary System
Urinalysis	Urinary System
Urinalysis	Urinary System
Male Fertility	Reproductive
Male Fertility	Reproductive
Male Fertility	Reproductive
Birth Defects	Developmental
Birth Defects	Developmental
Offspring Mortality	Developmental
Offspring Mortality	Developmental
Weight and Size (Early Life)	Developmental
Weight and Size (Early Life)	Developmental
Emotional state/affective behavior	Nervous System
Emotional state/affective behavior	Nervous System
Emotional state/affective behavior	Nervous System
Motor Function/Development	Nervous System
Motor Function/Development	Nervous System
Motor Function/Development	Nervous System
Pregnancy/conception rate	Reproductive
Endometriosis	Reproductive
Adrenal Histopathology	Endocrine
Finger/Toenail Deformity	Dermal
Gingival Swelling/Recession	Dermal
Offspring Mortality	Developmental
Weight and Size (Early Life)	Developmental
Red Blood Cells/Hemoglobin	Hematopoietic
Cholesterol	Hepatobiliary
Serum Biomarkers of Liver Health & Function	Hepatobiliary
Antibody Responses	Immune System
Ex Vivo WBC Function	Immune System
White Blood Cell (WBC) Counts	Immune System
Bone Development/Bone Age	Musculoskeletal
Dental Effects	Musculoskeletal
Conjunctivitis	Ocular
Meibomian (Tarsal) Gland Enlargement	Ocular
Gestation Duration/Preterm Birth	Reproductive
Pregnancy/conception rate	Reproductive
Birth Defects	Developmental
Offspring Mortality	Developmental
Sex Ratio	Reproductive
Weight and Size (Early Life)	Developmental
HPT Hormones	Endocrine
Insulin-Like Growth Factor	Endocrine
Bone Density/Strength & Osteoporosis	Musculoskeletal
Bone Histopathology	Musculoskeletal
Reproductive Organ Size/Weight (F)	Reproductive

Aroclor 1016
Aroclor 1242
Aroclor 1254
Aroclor 1260
Aroclor 1254
Aroclor 1254
Aroclor 1254
Fenclor 42
Fenclor 42
Fenclor 42
Fenclor 42
Fenclor 42
Fenclor 42
Fenclor 42
Fenclor 42
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Fenclor 42
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Aroclor 1254
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Mixture: PCBs 126, 138, 153, 180
Mixture: PCBs 126, 138, 153, 180
Mixture: PCBs 126, 138, 153, 180
Mixture: PCBs 126, 138, 153, 180
Mixture: PCBs 126, 138, 153, 180
Mixture: PCBs 126, 138, 153, 180
Mixture: PCBs 126, 138, 153, 180
Mixture: PCBs 126, 138, 153, 180
Mixture: PCBs 126, 138, 153, 180

Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Mouse	Oral-gavage	Primary, pre-weaning
Mouse	Oral-gavage	Primary, pre-weaning
Mouse	Oral-gavage	Primary, pre-weaning
Rat	Injection-ip	Secondary
Rat	Oral-gavage	Secondary
Rat	Injection-ip	Secondary
Rat	Oral-gavage	Secondary
Rat	Injection-ip	Secondary
Rat	Oral-gavage	Secondary
Rat	Injection-ip	Secondary
Rat	Oral-gavage	Secondary
Rat	Oral-gavage	Secondary
Rat	Injection-ip	Secondary
Rat	Oral-gavage	Secondary
Rat	Oral-gavage	Secondary
Rat	Injection-ip	Secondary
Rhesus monkey	Oral-capsule	Primary
Rat	Oral-diet	Primary
Rhesus monkey	Oral-capsule	Secondary
Rhesus monkey	Oral-capsule	Secondary
Rhesus monkey	Oral-capsule	Secondary
Rhesus monkey	Oral-capsule	Secondary
Rhesus monkey	Oral-capsule	Secondary
Rhesus monkey	Oral-capsule	Secondary
Rhesus monkey	Oral-capsule	Secondary
Rhesus monkey	Oral-capsule	Secondary
Rhesus monkey	Oral-capsule	Secondary
Rhesus monkey	Oral-capsule	Secondary
Rhesus monkey	Oral-capsule	Secondary
Rhesus monkey	Oral-capsule	Secondary
Rhesus monkey	Oral-capsule	Secondary
Rhesus monkey	Oral-capsule	Secondary
Rhesus monkey	Oral-capsule	Primary
Rhesus monkey	Oral-capsule	Primary
Rat	Injection-sc	Secondary
Rat	Injection-sc	Secondary
Rat	Injection-sc	Secondary
Rat	Injection-sc	Secondary
Rat	Injection-sc	Secondary
Rat	Injection-sc	Secondary
Rat	Injection-sc	Secondary
Rat	Injection-sc	Secondary
Rat	Injection-sc	Secondary

		no	10
		no	10
		no	10
		no	10
		no	10
		no	10
	35	120	
		no	1
		no	1
		no	1
		no	1
		no	1
		no	1
		no	1
		no	1
		no	1
		no	1
		no	1
	4198	1125	
		no	10
		no	10
		no	10
		no	10

		26	27	
-14	-10	N/A	N/A	14
6	15	N/A	N/A	0
23	36	N/A	N/A	14
-14	-10	N/A	N/A	6
6	15	N/A	N/A	0
23	28	N/A	N/A	6
-1125	168	N/A	N/A	0
-1125	217	N/A	N/A	154
-1125	168	N/A	N/A	0
-1125	168	N/A	N/A	0
-1125	217	N/A	N/A	112
-1125	217	N/A	N/A	154
-1125	217	N/A	N/A	154
-1125	217	N/A	N/A	154
-1125	217	N/A	N/A	154
-1125	217	N/A	N/A	154
-1125	217	N/A	N/A	154
15	43	N/A	N/A	21
15	43	N/A	N/A	21
15	43	N/A	N/A	21
15	43	N/A	N/A	21

214	4	0	50	500
36	2	0	5	10
52	3	0	2	4
36	4	0	1	2
28	2	0	5	10
28	3	0	2	4
28	4	0	1	2
		1	50	100
168	3	0	0.005	0.04
357	2	0	0.005	0.04
168	3	0	0.005	0.08
168	3	0	0.005	0.08
280	2	0	0.005	0.04
329	2	0	0.005	0.04
364	2	0	0.005	0.04
462	2	0	0.005	0.04
462	2	0	0.005	0.04
357	2	0	0.005	0.04
462	2	0	0.005	0.04
		0	0.005	0.08
44	2	0	4	4
43	2	0	4	4
82	2	0	4	4
82	2	0	4	4

				N/A
				N/A
				N/A
				N/A
				N/A
				N/A
N/A			50	
				N/A
				N/A
				N/A
				N/A
				N/A
				N/A
	5	10	N/A	
	2	4	N/A	
	1	2	N/A	
	5	10	N/A	
	2	4	N/A	
N/A		1	N/A	
				N/A
				N/A
N/A		50		
N/A		0.005	N/A	
N/A		0.005	N/A	
N/A		0.005	N/A	
N/A		0.005	N/A	
N/A		0.005	N/A	
				N/A
				N/A
N/A		0.005	N/A	
	0.005	0.04	N/A	
	0.005	0.04	N/A	
				N/A
N/A		0.005	N/A	
	0.005	0.04	N/A	
N/A		0.005	N/A	
				N/A
N/A		0.005		
				N/A
				N/A
				N/A
N/A		4	N/A	
				N/A
N/A		4	N/A	
N/A		4	N/A	
N/A		4	N/A	
				N/A

Male (6-7 weeks old) and female (7-8 weeks old) Sprague-Dawley rats were dosed via the diet with Aroclor 1016 at 50, 1
Male (6-7 weeks old) and female (7-8 weeks old) Sprague-Dawley rats were dosed via the diet with Aroclor 1242 at 50 an
Male (6-7 weeks old) and female (7-8 weeks old) Sprague-Dawley rats were dosed via the diet with Aroclor 1254 at 25, 5
Male (6-7 weeks old) and female (7-8 weeks old) Sprague-Dawley rats were dosed via the diet with Aroclor 1260 at 25, 5
Outbred swiss mice were dosed with a single dose of AR1254 (50, 250, 500 mg/kg) by stomach tube on PND 8 (18+8=26d
Outbred swiss mice were dosed with a single dose of AR1254 (50, 250, 500 mg/kg) by stomach tube on PND 8 (18+8=26d
Outbred swiss mice were dosed with a single dose of AR1254 (50, 250, 500 mg/kg) by stomach tube on PND 8 (18+8=26d

Rat dams dosed 2 wks prior to mating for 5 days. Pups weaned on PND 21. Litters culled to 8-10 pups; use default. Open
Rat dams dosed from GD6-15. Pups cross-fostered to unexposed females at birth. Litters culled to 8-10 pups; use default.
Rat dams dosed from PND 1-21. Pups weaned on PND 21. Litters culled to 8-10 pups; use default. Open field activity was
Rat dams dosed 2 wks prior to mating for 5 days. Pups weaned on PND 21. Litters culled to 8-10 pups; use default. Swimr
Rat dams dosed from GD6-15. Pups cross-fostered to unexposed females at birth. Litters culled to 8-10 pups; use default.
Rat dams dosed from PND 1-21. Pups weaned on PND 21. Litters culled to 8-10 pups; use default. Cliff avoidance was alte

authors report self ingestion of capsules of 0, 5, 20, 40, or 80 ug/kgbw AR 1254 for ~37 months (3.08yr*365d=1125 d), wh
Histopathological changes observed in both dose groups
11.5 year old female rhesus monkeys began dosing 37 months prior to the breeding phase of the study. Monkeys self ad
11.5 year old female rhesus monkeys began dosing 37 months prior to the breeding phase of the study. Monkeys self ad
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11.5 year old female rhesus monkeys began dosing 37 months prior to the breeding phase of the study. Monkeys self ad
11.5 year old female rhesus monkeys began dosing 37 months prior to the breeding phase of the study. Monkeys self ad
11.5 year old female rhesus monkeys began dosing 37 months prior to the breeding phase of the study. Monkeys self ad
11.5 year old female rhesus monkeys began dosing 37 months prior to the breeding phase of the study. Monkeys self ad
Dams treated GD15 to GD19 with 10 mg/kg/day and during lactation with 10 mg/kg/day given twice per week until PND2
Dams treated GD15 to GD19 with 10 mg/kg/day and during lactation with 10 mg/kg/day given twice per week until PND2
Dams treated GD15 to GD19 with 10 mg/kg/day and during lactation with 10 mg/kg/day given twice per week until PND2
Dams treated GD15 to GD19 with 10 mg/kg/day and during lactation with 10 mg/kg/day given twice per week until PND2
Dams treated GD15 to GD19 with 10 mg/kg/day and during lactation with 10 mg/kg/day given twice per week until PND2
Dams treated GD15 to GD19 with 10 mg/kg/day and during lactation with 10 mg/kg/day given twice per week until PND2
Dams treated GD15 to GD19 with 10 mg/kg/day and during lactation with 10 mg/kg/day given twice per week until PND2
Dams treated GD15 to GD19 with 10 mg/kg/day and during lactation with 10 mg/kg/day given twice per week until PND2
Dams treated GD15 to GD19 with 10 mg/kg/day and during lactation with 10 mg/kg/day given twice per week until PND2

22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE

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Cocchi et al.	2009	199561
Cocchi et al.	2009	199561
Cocchi et al.	2009	199561
Barsotti and van Miller	1984	199568
Barsotti and van Miller	1984	199568
Barsotti and van Miller	1984	199568
Barsotti and van Miller	1984	199568
Barsotti and van Miller	1984	199568
Barsotti and van Miller	1984	199568
Barsotti and van Miller	1984	199568
Barsotti and van Miller	1984	199568
Barsotti and van Miller	1984	199568
Barsotti and van Miller	1984	199568
Barsotti and van Miller	1984	199568
Barsotti and van Miller	1984	199568
Casey et al.	1999	199578
Casey et al.	1999	199578
Casey et al.	1999	199578
Casey et al.	1999	199578
Casey et al.	1999	199578
Casey et al.	1999	199578
Casey et al.	1999	199578
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Casey et al.	1999	199578
Casey et al.	1999	199578
Casey et al.	1999	199578
Casey et al.	1999	199578
Casey et al.	1999	199578
Casey et al.	1999	199578
Casey et al.	1999	199578
Collins and Capen	1980	199627
Collins and Capen	1980	199627
Collins and Capen	1980	199627
Collins and Capen	1980	199627
Sager	1983	199641
Sager	1983	199641
Sager	1983	199641
Sager	1983	199641
Sager	1983	199641
Sager	1983	199641

testes and prostate weight
testosterone (f)
testosterone (m)
number of viable offspring
offspring body weight
platelet count (as part of CBC) (P0)
platelet count (as part of CBC) (F1)
RBC count (as part of CBC) (P0)
RBC count (as part of CBC) (F1)
lipid levels
cholesterol analyses
serum glutamic pyruvic transaminase (SGPT)
WBC count (as part of CBC) (P0)
WBC count (as part of CBC) (F1)
conception rate, number of breedings
dermal histopathology
dermal histopathology
TT4, TT3
TT4, TT3
thyroid histopathology
thyroid histopathology
colon histopathology
colon histopathology
liver histology
liver histology
lymph node and thymus histopathology
lymph node and thymus histopathology
pancreatic histopathology
pancreatic histopathology
open field behavior (rearing), emotionality
open field behavior (rearing), emotionality
lacrimal gland histopathology
lacrimal gland histopathology
testes and secondary sex gland histopathology
testes and secondary sex gland histopathology
urinary bladder epithelial hyperplasia
urinary bladder epithelial hyperplasia
litter size
reduced pup weight
T4, T3
pathology
alopecia
offspring mortality
body weight and growth rate of rats exposed during development
swollen abdomen
liver histopathology
liver weight (P0)

Reproductive Organ Size/Weight (M)	Reproductive
Sex Hormone Levels (F)	Reproductive
Sex Hormone Levels (M)	Reproductive
Offspring Mortality	Developmental
Weight and Size (Early Life)	Developmental
Platelets	Hematopoietic
Platelets	Hematopoietic
Red Blood Cells/Hemoglobin	Hematopoietic
Red Blood Cells/Hemoglobin	Hematopoietic
Blood Triglycerides	Hepatobiliary
Cholesterol	Hepatobiliary
Serum Biomarkers of Liver Health & Function	Hepatobiliary
White Blood Cell (WBC) Counts	Immune System
White Blood Cell (WBC) Counts	Immune System
Pregnancy/conception rate	Reproductive
Dermal Histopathology	Dermal
Dermal Histopathology	Dermal
HPT Hormones	Endocrine
HPT Hormones	Endocrine
Thyroid Histopathology	Endocrine
Thyroid Histopathology	Endocrine
Gastrointestinal Histopathology	Gastrointestinal
Gastrointestinal Histopathology	Gastrointestinal
Liver Histopathology	Hepatobiliary
Liver Histopathology	Hepatobiliary
Immune Organ Histopathology	Immune System
Immune Organ Histopathology	Immune System
Pancreatic Histopathology	Metabolic
Pancreatic Histopathology	Metabolic
Emotional state/affective behavior	Nervous System
Emotional state/affective behavior	Nervous System
Ocular Histopathology	Ocular
Ocular Histopathology	Ocular
Reproductive Organ Histopathology (M)	Reproductive
Reproductive Organ Histopathology (M)	Reproductive
Urinary Bladder Histopathology	Urinary System
Urinary Bladder Histopathology	Urinary System
Offspring Mortality	Developmental
Weight and Size (Early Life)	Developmental
HPT Hormones	Endocrine
Thyroid Histopathology	Endocrine
Alopecia	Dermal
Offspring mortality	Developmental
Weight and Size (Early Life)	Developmental
Digestive System Complaints/Diseases	Gastrointestinal
Liver Histopathology	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary

Mixture: PCBs 126, 138, 153, 180
Mixture: PCBs 126, 138, 153, 180
Mixture: PCBs 126, 138, 153, 180
Aroclor 1016
Aroclor 1016
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Aroclor 1254

Rat	Injection-sc	Secondary
Rat	Injection-sc	Secondary
Rat	Injection-sc	Secondary
Rhesus monkey	Oral-diet	Secondary
Rhesus monkey	Oral-diet	Secondary
Rhesus monkey	Oral-diet	Primary
Rhesus monkey	Oral-diet	Secondary
Rhesus monkey	Oral-diet	Primary
Rhesus monkey	Oral-diet	Secondary
Rhesus monkey	Oral-diet	Primary
Rhesus monkey	Oral-diet	Primary
Rhesus monkey	Oral-diet	Primary
Rhesus monkey	Oral-diet	Primary
Rhesus monkey	Oral-diet	Secondary
Rhesus monkey	Oral-diet	Primary
Rat	Inhalation	Primary
Rat	Oral-diet	Primary
Rat	Inhalation	Primary
Rat	Oral-diet	Primary
Rat	Inhalation	Primary
Rat	Oral-diet	Primary
Rat	Inhalation	Primary
Rat	Oral-diet	Primary
Rat	Inhalation	Primary
Rat	Oral-diet	Primary
Rat	Inhalation	Primary
Rat	Oral-diet	Primary
Rat	Inhalation	Primary
Rat	Oral-diet	Primary
Rat	Inhalation	Primary
Rat	Oral-diet	Primary
Rat	Inhalation	Primary
Rat	Oral-diet	Primary
Rat	Inhalation	Primary
Rat	Oral-diet	Primary
Rat	Inhalation	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Secondary
Rat	Oral-diet	Secondary
Rat	Oral-diet	Secondary
Rat	Oral-diet	Secondary
Rat	Oral-gavage	Secondary
Rat	Oral-gavage	Secondary
Rat	Oral-gavage	Secondary
Rat	Oral-gavage	Secondary
Rat	Oral-gavage	Secondary
Rat	Oral-gavage	Primary

		no	1

-213	396	N/A	N/A	0
0	22	N/A	N/A	0
0	43	N/A	N/A	21
0	22	N/A	N/A	0
0	18	N/A	N/A	0
23	31	N/A	N/A	23
23	31	N/A	N/A	23
23	31	N/A	N/A	11
23	31	N/A	N/A	23
23	31	N/A	N/A	23

168	3	0	0.0074	0.0297
[redacted]				
[redacted]				
[redacted]				
[redacted]				
		0	0.00046	0.00046
		0	0.0328	0.0328
		0	0.00046	0.00046
		0	0.0328	0.0328
		0	0.00046	0.00046
		0	0.0328	0.0328
		0	0.00046	0.00046
		0	0.0328	0.0328
		0	0.00046	0.00046
		0	0.0328	0.0328
		0	0.00046	0.00046
		0	0.0328	0.0328
		0	0.00046	0.00046
		0	0.0328	0.0328
		0	0.00046	0.00046
		0	0.0328	0.0328
		0	0.00046	0.00046
		0	0.0328	0.0328
		0	0.00046	0.00046
		0	0.0328	0.0328
		0	0.00046	0.00046
		0	0.0328	0.0328
22	3	1	50	500
43	2	1	50	500
22	3	1	50	500
18	3	1	50	500
45	4	0	5.3	42.7
45	4	0	5.3	42.7
33	4	0	5.3	42.7
45	4	0	5.3	42.7
187	4	0	5.3	42.7
[redacted]		0	5.3	42.7

			N/A
			N/A
			N/A
			N/A
0.0074	0.0297	N/A	
			N/A
			N/A
			N/A
			N/A
			N/A
			N/A
			N/A
			N/A
			N/A
0.00046	N/A		N/A
0.0328	N/A		N/A
N/A		0.00046	
N/A		0.0328	
N/A		0.00046	
0.0328	N/A		N/A
0.00046	N/A		N/A
0.0328	N/A		N/A
0.00046	N/A		N/A
0.0328	N/A		N/A
N/A		0.00046	
N/A		0.0328	
0.00046	N/A		N/A
0.0328	N/A		N/A
N/A		0.00046	
N/A		0.0328	
0.00046	N/A		N/A
0.0328	N/A		N/A
0.00046	N/A		N/A
0.0328	N/A		N/A
N/A		0.00046	
N/A		0.0328	
50	500	N/A	
N/A	50	N/A	
N/A	50	N/A	
N/A	50	N/A	
21.3	42.7	N/A	
21.3	42.7	N/A	
5.3	21.3	N/A	
21.3	42.7	N/A	
21.3	42.7	N/A	
21.3	42.7		

Dams treated GD15 to GD19 with 10 mg/kg/day and during lactation with 10 mg/kg/day given twice per week until PND2
Dams treated GD15 to GD19 with 10 mg/kg/day and during lactation with 10 mg/kg/day given twice per week until PND2
Dams treated GD15 to GD19 with 10 mg/kg/day and during lactation with 10 mg/kg/day given twice per week until PND2
Adult female rhesus monkeys were dosed with Aroclor 1016 via the diet at doses 0.25 and 1 ppm. The authors report in
Adult female rhesus monkeys were dosed with Aroclor 1016 via the diet at doses 0.25 and 1 ppm. The authors report in
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Adolescent male rats exposed for 30 d to 0.9 µg/m3 via inhalation. Authors estimated that this exposure was equivalent
Adolescent male rats exposed for 30 d to 0.436 µg/g (ppm) in the food. Authors estimated that this exposure was equiva
Adolescent male rats exposed for 30 d to 0.9 µg/m3 via inhalation. Authors estimated that this exposure was equivalent

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Adolescent male rats exposed for 30 d to 0.436 µg/g (ppm) in the food. Authors estimated that this exposure was equiva

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Adolescent male rats exposed for 30 d to 0.9 µg/m3 via inhalation. Authors estimated that this exposure was equivalent
Adolescent male rats exposed for 30 d to 0.436 µg/g (ppm) in the food. Authors estimated that this exposure was equiva
Rats were dosed via the diet with 50 or 500ppm starting on the day of conception until PND 21. Avg litter size for 50 ppm
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F0 Dam dosing groups were 0, 8, 32, 64 mg/kg-day. Dosing was administered by oral intubation on PND 1-3, 5, 7 and 9. D
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F0 Dam dosing groups were 0, 8, 32, 64 mg/kg-day. Dosing was administered by oral intubation on PND 1-3, 5, 7 and 9. D

22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
168	0.9	0.199	0.054	1	154

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Arnold et al.	1997	199648

liver weight (F1)
male fertility
ventral prostate & testes histopathology
ventral prostate, seminal vesicle, and testes weight
mating behavior
heart histopathology (myocarditis, myocardial degeneration, fatty degeneration) (P0)
heart histopathology (myocarditis, myocardial degeneration, fatty degeneration) (F1)
sebaceous gland changes analagous to chloracne; skin histopathology (ulcerated, sebaceous cyst, folliculitis)
nail and nailbed changes
hyperkeratinized nailbeds
infant terminal body weight
adrenal histopathology (adrenalitis, calcification) (P0)
adrenal histopathology (adrenalitis, calcification) (F1)
adrenal weight
hydrocortisone
thyroxine
pituitary histopathology
pituitary weight (P0)
pituitary weight (F1)
thyroid histopathology (thyroiditis, mild; colloid cyst; c-cell hyperplasia; large follicles; cystic) (P0)
thyroid histopathology (thyroiditis, mild; colloid cyst; c-cell hyperplasia; large follicles; cystic) (F1)
thyroid weight (P0)
thyroid weight (F1)
peritonitis
oesophagus histopathology (esophagitis); large bowel histopathology (diverticulum, diverticulitis, necrotic appendix epip
oesophagus histopathology (esophagitis); large bowel histopathology (diverticulum, diverticulitis, necrotic appendix epip
bone marrow histopathology (P0)
bone marrow histopathology (F1)
haemorrhagic diathesis
mean platelet volume (MPV), platelet count, platelet distribution width (PDW)
erythrocyte count (RBC), mean corpuscular volume (MCV), mean corpuscular haemoglobin (MCH), mean corpuscular hae
erythrocyte count (RBC), mean corpuscular volume (MCV), mean corpuscular haemoglobin (MCH), mean corpuscular hae
triglycerides
cholesterol
gall bladder histopathology (cholelithiasis, cholecystitis, epithelial hyperplasia) (P0)
gall bladder histopathology (cholelithiasis, cholecystitis, epithelial hyperplasia) (F1)
liver histopathology (necrosis, focal; hepatitis; cirrhosis; duct epithelial hyperplasia; fatty change) (P0)
liver histopathology (necrosis, focal; hepatitis; cirrhosis; duct epithelial hyperplasia; fatty change) (F1)
liver weight (P0)
liver weight (F1)
alanine aminotransferase (ALT), alkaline phosphatase (AP), aspartate aminotransferase (AST), direct bilirubin, y-glutamyl
alanine aminotransferase (ALT), alkaline phosphatase (AP), aspartate aminotransferase (AST), direct bilirubin, y-glutamyl
spleen histopathology (fibrosis); thymus histopathology (no effect); lymph node histopathology (immunohistochemistry
spleen histopathology (fibrosis); thymus histopathology (no effect); lymph node histopathology (immunohistochemistry
spleen weight (P0)
spleen and thymus weight (F1)
total leucocyte count (WBC) and absolute differential count, mean monocytes

Liver Weight/Hepatomegaly	Hepatobiliary
Male fertility	Reproductive
Reproductive Organ Histopathology (M)	Reproductive
Reproductive Organ Size/Weight (M)	Reproductive
Sexual Behavior (M)	Reproductive
Cardiovascular Histopathology	Cardiovascular
Cardiovascular Histopathology	Cardiovascular
Dermal Histopathology	Dermal
Finger/Toenail Deformity	Dermal
Hyperkeratosis	Dermal
Weight and Size (Early Life)	Developmental
Adrenal Histopathology	Endocrine
Adrenal Histopathology	Endocrine
Adrenal Weight	Endocrine
HPA Hormones	Endocrine
HPT Hormones	Endocrine
Pituitary Histopathology	Endocrine
Pituitary Weight	Endocrine
Pituitary Weight	Endocrine
Thyroid Histopathology	Endocrine
Thyroid Histopathology	Endocrine
Thyroid Size/Weight	Endocrine
Thyroid Size/Weight	Endocrine
Digestive System Complaints/Diseases	Gastrointestinal
Gastrointestinal Histopathology	Gastrointestinal
Gastrointestinal Histopathology	Gastrointestinal
Bone Marrow Histopathology	Hematopoietic
Bone Marrow Histopathology	Hematopoietic
Clotting Function	Hematopoietic
Platelets	Hematopoietic
Red Blood Cells/Hemoglobin	Hematopoietic
Red Blood Cells/Hemoglobin	Hematopoietic
Blood Triglycerides	Hepatobiliary
Cholesterol	Hepatobiliary
Gall Bladder Histopathology	Hepatobiliary
Gall Bladder Histopathology	Hepatobiliary
Liver Histopathology	Hepatobiliary
Liver Histopathology	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Serum Biomarkers of Liver Health & Function	Hepatobiliary
Serum Biomarkers of Liver Health & Function	Hepatobiliary
Immune Organ Histopathology	Immune System
Immune Organ Histopathology	Immune System
Immune Organ Size/Weight	Immune System
Immune Organ Size/Weight	Immune System
White Blood Cell (WBC) Counts	Immune System

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Rat	Oral-gavage	Secondary
Rat	Oral-gavage	Secondary
Rat	Oral-gavage	Secondary
Rat	Oral-gavage	Secondary
Rat	Oral-gavage	Secondary
Rhesus monkey	Oral-capsule	Primary
Rhesus monkey	Oral-capsule	Secondary
Rhesus monkey	Oral-capsule	Primary
Rhesus monkey	Oral-capsule	Primary
Rhesus monkey	Oral-capsule	Primary
Rhesus monkey	Oral-capsule	Secondary
Rhesus monkey	Oral-capsule	Primary
Rhesus monkey	Oral-capsule	Secondary
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Rhesus monkey	Oral-capsule	Primary
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Rhesus monkey	Oral-capsule	Secondary
Rhesus monkey	Oral-capsule	Primary
Rhesus monkey	Oral-capsule	Secondary
Rhesus monkey	Oral-capsule	Primary

		no	10
		no	10
		no	10
		no	10
		no	10
4198	2190		
4198	2190		

23	31 N/A	N/A	23
23	31 N/A	N/A	23
23	31 N/A	N/A	23
23	31 N/A	N/A	23
23	31 N/A	N/A	23

187	4	0	5.3	42.7
152	4	0	5.3	42.7
187	4	0	5.3	42.7
187	4	0	5.3	42.7
152	4	0	5.3	42.7
		0	0.0048	0.076
		0	0.0048	0.076
		0	0.0048	0.076
		0	0.0048	0.076
		0	0.0048	0.076
		0	0.0048	0.076
		0	0.0048	0.076
		0	0.0048	0.076
		0	0.0048	0.076

21.3	42.7	N/A	
5.3	21.3	N/A	
21.3	42.7	N/A	
N/A	5.3	N/A	
N/A	5.3	N/A	
			N/A
			N/A
			N/A
0.019	0.038		
0.038	0.076		
			N/A
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0.038	0.076		
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			N/A
0.019	0.038		

F0 Dam dosing groups were 0, 8, 32, 64 mg/kg-day. Dosing was administered by oral intubation on PND 1-3, 5, 7 and 9. D
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F0 Dam dosing groups were 0, 8, 32, 64 mg/kg-day. Dosing was administered by oral intubation on PND 1-3, 5, 7 and 9. D
Adult (11.5 years on average at the start of the study) female rhesus monkeys were orally dosed via capsule with either 5
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22	0.9	0.094	0.154	10	21 COMPLETE
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22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
168	0.9	0.199	0.054	1	154

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Arnold et al.	1997	199648
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Arnold et al.	1999	199657

serum glucose
pancreatic histopathology (duct epithelial hyperplasia; islets, large; islets few and small; few islets) (P0)
pancreatic histopathology (duct epithelial hyperplasia; islets, large; islets few and small; few islets) (F1)
gastrocnemius muscle mass, tongue mass
skeletal muscle histopathology (gastrocnemius, tongue)
brain weight; brain and nerve histopathology (P0)
brain weight; brain and nerve histopathology (F1)
conjunctivitis
inflammation of the Meibomian glands
eye histopathology (conjunctivitis), eyelid histopathology (sebaceous cyst, dilated ducts, meibomianitis) (P0)
eye histopathology (conjunctivitis), eyelid histopathology (sebaceous cyst, dilated ducts, meibomianitis) (F1)
mammary gland histopathology (cystic disease, dilated ducts, lobular hyperplasia, atrophy), uterine histopathology (ader
mammary gland histopathology (cystic disease, dilated ducts, lobular hyperplasia, atrophy), uterine histopathology (ader
ovarian weight (P0)
ovarian weight (F1)
carbon dioxide (P0)
carbon dioxide (F1)
lung histopathology (refractory crystals, pleuritis) (P0)
lung histopathology (refractory crystals, pleuritis) (F1)
kidney histopathology (pyelonephritis) (P0)
kidney histopathology (pyelonephritis) (F1)
kidney weight (P0)
kidney weight (F1)
blood urea nitrogen
urinary bladder histopathology (cystitis) (P0)
urinary bladder histopathology (cystitis) (F1)
auditory thresholds via reflex modification audiometry (PND 92-110), histological examination of cochlea
skin thickening
skin thickening
skeletal development via x-ray
skeletal development via x-ray
body weight & growth
body weight & growth
adrenal weight
adrenal weight
pituitary weight
pituitary weight
thyroid weight
thyroid weight
platelet count, mean platelet volume (MPV), platelet distribution width
platelet count, mean platelet volume (MPV), platelet distribution width
RBC count, mean corpuscular (erythrocyte) volume (MCv), haemoglobin concentration (MCHC), haematocrit (Hct), red ce
RBC count, mean corpuscular (erythrocyte) volume (MCv), haemoglobin concentration (MCHC), haematocrit (Hct), red ce
triglycerides
triglycerides
cholesterol
cholesterol

Blood/Urinary Glucose	Metabolic
Pancreatic Histopathology	Metabolic
Pancreatic Histopathology	Metabolic
Muscle Mass/Tone	Musculoskeletal
Skeletal Muscle Histopathology	Musculoskeletal
Brain Weight & Histopathology	Nervous System
Brain Weight & Histopathology	Nervous System
Conjunctivitis	Ocular
Meibomian (Tarsal) Gland Enlargement	Ocular
Ocular Histopathology	Ocular
Ocular Histopathology	Ocular
Reproductive Organ Histopathology (F)	Reproductive
Reproductive Organ Histopathology (F)	Reproductive
Reproductive Organ Size/Weight (F)	Reproductive
Reproductive Organ Size/Weight (F)	Reproductive
Blood Gas Tension	Respiratory
Blood Gas Tension	Respiratory
Pulmonary Histopathology	Respiratory
Pulmonary Histopathology	Respiratory
Kidney Histopathology	Urinary System
Kidney Histopathology	Urinary System
Kidney Weight	Urinary System
Kidney Weight	Urinary System
Serum Biomarkers of Renal Function	Urinary System
Urinary Bladder Histopathology	Urinary System
Urinary Bladder Histopathology	Urinary System
Visual, Auditory, and Olfactory Function	Nervous System
Hyperkeratosis	Dermal
Hyperkeratosis	Dermal
Birth Defects	Developmental
Birth Defects	Developmental
Weight and Size (Early Life)	Developmental
Weight and Size (Early Life)	Developmental
Adrenal Weight	Endocrine
Adrenal Weight	Endocrine
Pituitary weight	Endocrine
Pituitary weight	Endocrine
Thyroid Size/Weight	Endocrine
Thyroid Size/Weight	Endocrine
Platelets	Hematopoietic
Platelets	Hematopoietic
Red Blood Cells/Hemoglobin	Hematopoietic
Red Blood Cells/Hemoglobin	Hematopoietic
Blood Triglycerides	Hepatobiliary
Blood Triglycerides	Hepatobiliary
Cholesterol	Hepatobiliary
Cholesterol	Hepatobiliary

Aroclor 1254
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Breast milk mixture: PCBs 52, 66, 74, 105, 118, 138, 153, 156, 157, 180, 183, 187, 189, 194, 203
Breast milk mixture: PCBs 52, 66, 74, 105, 118, 138, 153, 156, 157, 180, 183, 187, 189, 194, 203
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Breast milk mixture: PCBs 52, 66, 74, 105, 118, 138, 153, 156, 157, 180, 183, 187, 189, 194, 203

	Rhesus monkey	Oral-capsule	Primary
	Rhesus monkey	Oral-capsule	Primary
	Rhesus monkey	Oral-capsule	Secondary
	Rhesus monkey	Oral-capsule	Primary
	Rhesus monkey	Oral-capsule	Primary
	Rhesus monkey	Oral-capsule	Primary
	Rhesus monkey	Oral-capsule	Secondary
	Rhesus monkey	Oral-capsule	Primary
	Rhesus monkey	Oral-capsule	Primary
	Rhesus monkey	Oral-capsule	Primary
	Rhesus monkey	Oral-capsule	Secondary
	Rhesus monkey	Oral-capsule	Primary
	Rhesus monkey	Oral-capsule	Secondary
	Rhesus monkey	Oral-capsule	Primary
	Rhesus monkey	Oral-capsule	Secondary
	Rhesus monkey	Oral-capsule	Primary
	Rhesus monkey	Oral-capsule	Secondary
	Rhesus monkey	Oral-capsule	Primary
	Rhesus monkey	Oral-capsule	Secondary
	Rhesus monkey	Oral-capsule	Primary
	Rhesus monkey	Oral-capsule	Secondary
	Rhesus monkey	Oral-capsule	Primary
	Rhesus monkey	Oral-capsule	Secondary
	Rhesus monkey	Oral-capsule	Primary
	Rhesus monkey	Oral-capsule	Primary
	Rhesus monkey	Oral-capsule	Secondary
	Rat	Oral-gavage	Secondary
	Cynomolgus monkey	Oral-syringe	Primary, pre-weaning
	Rhesus monkey	Oral-syringe	Primary, pre-weaning
	Cynomolgus monkey	Oral-syringe	Primary, pre-weaning
	Rhesus monkey	Oral-syringe	Primary, pre-weaning
	Cynomolgus monkey	Oral-syringe	Primary, pre-weaning
	Rhesus monkey	Oral-syringe	Primary, pre-weaning
	Cynomolgus monkey	Oral-syringe	Primary, pre-weaning
	Rhesus monkey	Oral-syringe	Primary, pre-weaning
	Cynomolgus monkey	Oral-syringe	Primary, pre-weaning
	Rhesus monkey	Oral-syringe	Primary, pre-weaning
	Cynomolgus monkey	Oral-syringe	Primary, pre-weaning
	Rhesus monkey	Oral-syringe	Primary, pre-weaning
	Cynomolgus monkey	Oral-syringe	Primary, pre-weaning
	Rhesus monkey	Oral-syringe	Primary, pre-weaning
	Cynomolgus monkey	Oral-syringe	Primary, pre-weaning
	Rhesus monkey	Oral-syringe	Primary, pre-weaning
	Cynomolgus monkey	Oral-syringe	Primary, pre-weaning
	Rhesus monkey	Oral-syringe	Primary, pre-weaning

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no 10

6	43	N/A	N/A	21
		168	189	
		168	308	
		168	196	
		168	308	
		168	308	

		0	0.0048	0.076
		0	0.0048	0.076
		0	0.0048	0.076
		0	0.0048	0.076
		0	0.0048	0.076
142	2	0	8	8
189	4	0	0.0075	0.0075
308	4	0	0.0075	0.0075
196	4	0	0.0075	0.0075
308	4	0	0.0075	0.0075
308	4	0	0.0075	0.0075

N/A	0.048		
			N/A
			N/A
			N/A
			N/A
			N/A
			N/A
N/A	0.0048		
0.0048	0.019		
N/A	0.0048		
			N/A
			N/A
			N/A
			N/A
			N/A
			N/A
			N/A
			N/A
			N/A
			N/A
			N/A
			N/A
			N/A
			N/A
0.038	0.076		
			N/A
N/A	8	N/A	
			N/A
N/A		0.0075	
			N/A
			N/A
			N/A
N/A		0.0075	
			N/A
			N/A
			N/A
			N/A
			N/A
			N/A
			N/A
N/A		0.0075	
			N/A
			N/A
			N/A
			N/A
N/A		0.0075	
N/A		0.0075	

Adult (11.5 years on average at the start of the study) female rhesus monkeys were orally dosed via capsule with either 5
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Adult (11.5 years on average at the start of the study) female rhesus monkeys were orally dosed via capsule with either 5
Adult (11.5 years on average at the start of the study) female rhesus monkeys were orally dosed via capsule with either 5
Dams dosed from GD 6-PND 21. Litter size NR; use default. RMA testing began at PND120, histological examinations wer
Cynomolgus monkeys exposed directly from birth to 20 wks. "For the rhesus monkeys, a slight thickening of skin in the ch
Rhesus monkeys exposed directly from birth to 20 wks. "For the rhesus monkeys, a slight thickening of skin in the chest a
Cynomolgus monkeys exposed directly from birth to 20 wks. "Skeletal development was similar/normal for all infants."
Rhesus monkeys exposed directly from birth to 20 wks. "Skeletal development was similar/normal for all infants."
Cynomolgus monkeys exposed directly from birth to 20 wks. "For the cynomolgus monkeys, no statistical differences we
Rhesus monkeys exposed directly from birth to 20 wks. "For the rhesus monkeys, the treated group had a significantly la
Cynomolgus monkeys exposed directly from birth to 20 wks. "No statistical differences were found for either absolute or
Rhesus monkeys exposed directly from birth to 20 wks. "No statistical differences were found for either absolute or relat
Cynomolgus monkeys exposed directly from birth to 20 wks. "No statistical differences were found for either absolute or
Rhesus monkeys exposed directly from birth to 20 wks. "No statistical differences were found for either absolute or relat
Cynomolgus monkeys exposed directly from birth to 20 wks. "No statistical differences were found for either absolute or
Rhesus monkeys exposed directly from birth to 20 wks. "No statistical differences were found for either absolute or relat
Cynomolgus monkeys exposed directly from birth to 20 wks. "There were no significant differences found for the cynom
Rhesus monkeys exposed directly from birth to 20 wks. "For the rhesus monkeys, there was an increase in platelet numb
Cynomolgus monkeys exposed directly from birth to 20 wks. "There were no significant differences found for the cynom
Rhesus monkeys exposed directly from birth to 20 wks. "For the rhesus monkeys, there was an increase in platelet numb
Cynomolgus monkeys exposed directly from birth to 20 wks. "Cynomolgus monkeys - the intercept term for the orthogor
Rhesus monkeys exposed directly from birth to 20 wks. "Rhesus monkeys - For the following parameters, there were sigr
Cynomolgus monkeys exposed directly from birth to 20 wks. "Cynomolgus monkeys - the intercept term for the orthogor
Rhesus monkeys exposed directly from birth to 20 wks. "Rhesus monkeys - For the following parameters, there were sigr

168	0.9	0.199	0.054	1	154	COMPLETE
168	0.9	0.199	0.054	1	154	COMPLETE
168	0.9	0.199	0.054	1	154	COMPLETE
168	0.9	0.199	0.054	1	154	COMPLETE
168	0.9	0.199	0.054	1	154	COMPLETE
168	0.9	0.199	0.054	1	154	COMPLETE
168	0.9	0.199	0.054	1	154	COMPLETE
168	0.9	0.199	0.054	1	154	COMPLETE
168	0.9	0.199	0.054	1	154	COMPLETE
168	0.9	0.199	0.054	1	154	COMPLETE
168	0.9	0.199	0.054	1	154	COMPLETE
168	0.9	0.199	0.054	1	154	COMPLETE
168	0.9	0.199	0.054	1	154	COMPLETE
168	0.9	0.199	0.054	1	154	COMPLETE
168	0.9	0.199	0.054	1	154	COMPLETE
168	0.9	0.199	0.054	1	154	COMPLETE
168	0.9	0.199	0.054	1	154	COMPLETE
168	0.9	0.199	0.054	1	154	COMPLETE
168	0.9	0.199	0.054	1	154	COMPLETE
168	0.9	0.199	0.054	1	154	COMPLETE
168	0.9	0.199	0.054	1	154	COMPLETE
168	0.9	0.199	0.054	1	154	COMPLETE
168	0.9	0.199	0.054	1	154	COMPLETE
168	0.9	0.199	0.054	1	154	COMPLETE
168	0.9	0.199	0.054	1	154	COMPLETE
168	0.9	0.199	0.054	1	154	COMPLETE
168	0.9	0.199	0.054	1	154	COMPLETE
168	0.9	0.199	0.054	1	154	COMPLETE
168	0.9	0.199	0.054	1	154	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
168	0.9	0.199	0.054	1	154	NONE
168	0.9	0.199	0.054	1	154	NONE
168	0.9	0.199	0.054	1	154	NONE
168	0.9	0.199	0.054	1	154	NONE
168	0.9	0.199	0.054	1	154	NONE
168	0.9	0.199	0.054	1	154	NONE
168	0.9	0.199	0.054	1	154	NONE
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168	0.9	0.199	0.054	1	154	NONE
168	0.9	0.199	0.054	1	154	NONE
168	0.9	0.199	0.054	1	154	NONE
168	0.9	0.199	0.054	1	154	NONE
168	0.9	0.199	0.054	1	154	NONE
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168	0.9	0.199	0.054	1	154	NONE
168	0.9	0.199	0.054	1	154	NONE
168	0.9	0.199	0.054	1	154	NONE
168	0.9	0.199	0.054	1	154	NONE
168	0.9	0.199	0.054	1	154	NONE

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Arnold et al.	1999	199657
Arnold et al.	1999	199657
Arnold et al.	1999	199657
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Arnold et al.	1999	199657
Arnold et al.	1999	199657
Arnold et al.	1999	199657
Arnold et al.	1999	199657
Bushnell et al.	2002	199676
Bushnell et al.	2002	199676
Bushnell et al.	2002	199676
Bushnell et al.	2002	199676
Bushnell et al.	2002	199676
Bushnell et al.	2002	199676
Thomas and Hinsdill	1978	199679
Thomas and Hinsdill	1978	199679
Thomas and Hinsdill	1978	199679
Thomas and Hinsdill	1978	199679
Thomas and Hinsdill	1978	199679
Thomas and Hinsdill	1978	199679
Thomas and Hinsdill	1978	199679
Thomas and Hinsdill	1978	199679
Thomas and Hinsdill	1978	199679
Thomas and Hinsdill	1978	199679

liver weight
liver weight
direct bilirubin (mg/dl), g-glutamyl transferase (gGT; IU/litre), lactate dehydrogenase (LDH; IU/litre), alanine aminotransf
direct bilirubin (mg/dl), g-glutamyl transferase (gGT; IU/litre), lactate dehydrogenase (LDH; IU/litre), alanine aminotransf
IgG and IgM antibody response to SRBC
IgG and IgM antibody response to SRBC
WBC function (proliferation, NK activity)
WBC function (proliferation, NK activity)
spleen & thymus weight
spleen & thymus weight
WBC counts, immunophenotyping
WBC counts, immunophenotyping
serum glucose
serum glucose
skeletal development via x-ray
skeletal development via x-ray
tooth eruption time
tooth eruption time
brain weight
brain weight
ocular edema
ocular edema
ovarian weight
ovarian weight
testes weight
testes weight
kidney weight
kidney weight
blood urea nitrogen
blood urea nitrogen
litter size, postpartum mortality
body weight of offspring
acquisition of visual discrimination; performance of a visual signal detection task
activity level, arousal, handling reactivity, motor activity, habituation of motor activity
ataxia, gait abnormalities, tremors, landing foot splay, grip strength, aerial righting ability
responses to sensory stimuli: auditory, somatosensory, and nociception; pupil constriction
chloracne
alopecia
facial edema
liver histology (hypertrophy, hepatocellular alterations)
liver weight
antibody response to SRBC
endotoxin challenge
spleen histopathology, thymus histopathology
spleen weight, thymus weight
total gamma globulin
susceptibility to salmonella challenge

Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Serum Biomarkers of Liver Health & Function	Hepatobiliary
Serum Biomarkers of Liver Health & Function	Hepatobiliary
Antibody Responses	Immune System
Antibody Responses	Immune System
Ex Vivo WBC Function	Immune System
Ex Vivo WBC Function	Immune System
Immune Organ Size/Weight	Immune System
Immune Organ Size/Weight	Immune System
White Blood Cell (WBC) Counts	Immune System
White Blood Cell (WBC) Counts	Immune System
Blood/Urinary Glucose	Metabolic
Blood/Urinary Glucose	Metabolic
Bone Development/Bone Age	Musculoskeletal
Bone Development/Bone Age	Musculoskeletal
Dental Effects	Musculoskeletal
Dental Effects	Musculoskeletal
Brain Weight & Histopathology	Nervous System
Brain Weight & Histopathology	Nervous System
Periorbital Edema	Ocular
Periorbital Edema	Ocular
Reproductive Organ Size/Weight (F)	Reproductive
Reproductive Organ Size/Weight (F)	Reproductive
Reproductive Organ Size/Weight (M)	Reproductive
Reproductive Organ Size/Weight (M)	Reproductive
Kidney Weight	Urinary System
Kidney Weight	Urinary System
Serum Biomarkers of Renal Function	Urinary System
Serum Biomarkers of Renal Function	Urinary System
Offspring Mortality	Developmental
Weight and Size (Early Life)	Developmental
Cognitive function	Nervous System
Emotional state/affective behavior	Nervous System
Motor Function/Development	Nervous System
Visual, Auditory, and Olfactory Function	Nervous System
Acne/Chloracne	Dermal
Alopecia	Dermal
Subcutaneous Edema	Dermal
Liver Histopathology	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Antibody Responses	Immune System
Endotoxin Sensitivity	Immune System
Immune Organ Histopathology	Immune System
Immune Organ Size/Weight	Immune System
Immunoglobulin Levels - Nonspecific	Immune System
Susceptibility to Infection	Immune System

Breast milk mixture: PCBs 52, 66, 74, 105, 118, 138, 153, 156, 157, 180, 183, 187, 189, 194, 203
Breast milk mixture: PCBs 52, 66, 74, 105, 118, 138, 153, 156, 157, 180, 183, 187, 189, 194, 203
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Aroclor 1248

	Cynomolgus monkey	Oral-syringe	Primary, pre-weaning
	Rhesus monkey	Oral-syringe	Primary, pre-weaning
	Cynomolgus monkey	Oral-syringe	Primary, pre-weaning
	Rhesus monkey	Oral-syringe	Primary, pre-weaning
	Cynomolgus monkey	Oral-syringe	Primary, pre-weaning
	Rhesus monkey	Oral-syringe	Primary, pre-weaning
	Cynomolgus monkey	Oral-syringe	Primary, pre-weaning
	Rhesus monkey	Oral-syringe	Primary, pre-weaning
	Cynomolgus monkey	Oral-syringe	Primary, pre-weaning
	Rhesus monkey	Oral-syringe	Primary, pre-weaning
	Cynomolgus monkey	Oral-syringe	Primary, pre-weaning
	Rhesus monkey	Oral-syringe	Primary, pre-weaning
	Cynomolgus monkey	Oral-syringe	Primary, pre-weaning
	Rhesus monkey	Oral-syringe	Primary, pre-weaning
	Cynomolgus monkey	Oral-syringe	Primary, pre-weaning
	Rhesus monkey	Oral-syringe	Primary, pre-weaning
	Cynomolgus monkey	Oral-syringe	Primary, pre-weaning
	Rhesus monkey	Oral-syringe	Primary, pre-weaning
	Cynomolgus monkey	Oral-syringe	Primary, pre-weaning
	Rhesus monkey	Oral-syringe	Primary, pre-weaning
	Cynomolgus monkey	Oral-syringe	Primary, pre-weaning
	Rhesus monkey	Oral-syringe	Primary, pre-weaning
	Cynomolgus monkey	Oral-syringe	Primary, pre-weaning
	Rhesus monkey	Oral-syringe	Primary, pre-weaning
	Cynomolgus monkey	Oral-syringe	Primary, pre-weaning
	Rhesus monkey	Oral-syringe	Primary, pre-weaning
	Cynomolgus monkey	Oral-syringe	Primary, pre-weaning
	Rhesus monkey	Oral-syringe	Primary, pre-weaning
	Rat	Oral-gavage	Secondary
	Rat	Oral-gavage	Secondary
	Rat	Oral-gavage	Secondary
	Rat	Oral-gavage	Secondary
	Rat	Oral-gavage	Secondary
	Rat	Oral-gavage	Secondary
	Rhesus monkey	Oral-diet	Primary
	Rhesus monkey	Oral-diet	Primary
	Rhesus monkey	Oral-diet	Primary
	Mouse	Oral-diet	Primary
	Mouse	Oral-diet	Primary
	Rhesus monkey	Oral-diet	Primary
	Mouse	Oral-diet	Primary
	Mouse	Oral-diet	Primary
	Mouse	Oral-diet	Primary
	Rhesus monkey	Oral-diet	Primary
	Mouse	Oral-diet	Primary

			no	11.6
			no	11.6
			no	11.6
			no	11.6
NR (5 kg female)		182.5		
NR (5 kg female)		182.5		
NR (5 kg female)		182.5		
	42	35		
	42	35		
NR (5 kg female)		342		
	42	35		
	42			
	42			
NR (5 kg female)		475		
	42	35		

				168	308	
				168	308	
				168	308	
				168	308	
				168	308	
				168	308	
				168	308	
				168	308	
6	27	N/A	N/A			5
6	32	N/A	N/A			10
6	39	N/A	N/A			17
6	43	N/A	N/A			21

308	4	0	0.0075	0.0075
308	4	0	0.0075	0.0075
322	4	0	0.0075	0.0075
322	4	0	0.0075	0.0075
322	4	0	0.0075	0.0075
322	4	0	0.0075	0.0075
322	4	0	0.0075	0.0075
308	4	0	0.0075	0.0075
27	2	0	1	6
32	2	0	1	6
39	2	0	1	6
50	2	0	1	6
		1	2.5	5
		1	2.5	5
		1	2.5	5
		1	50	1000
		1	50	1000
		1	2.5	5
		1	100	1000
		1	100	1000
		1	100	1000
		1	2.5	5
		1	1000	1000

			N/A
			N/A
N/A		0.0075	
N/A		0.0075	
N/A		0.0075	
N/A		0.0075	
			N/A
			N/A
			N/A
			N/A
N/A		0.0075	
N/A		0.0075	
			N/A
			N/A
			N/A
			N/A
			N/A
			N/A
			N/A
N/A		0.0075	
			N/A
			N/A
			N/A
			N/A
			N/A
			N/A
			N/A
N/A		0.0075	
			N/A
1	6	N/A	
1	6	N/A	
			N/A
1	6	N/A	
			N/A
1	6	N/A	
N/A	2.5		
2.5	5		
N/A	2.5		
N/A	1000		
N/A	1000		
2.5	5		
N/A	100		
1000	N/A		N/A
1000	N/A		N/A
2.5	5		
N/A	1000		

Cynomolgus monkeys exposed directly from birth to 20 wks. "No statistical differences were found for either absolute or
Rhesus monkeys exposed directly from birth to 20 wks. "No statistical differences were found for either absolute or relat
Cynomolgus monkeys exposed directly from birth to 20 wks. "Cynomolgus monkeys - the intercept term for the orthogor
Rhesus monkeys exposed directly from birth to 20 wks. "Rhesus monkeys - For the following parameters, there were sigr
Cynomolgus monkeys exposed directly from birth to 20 wks. "The mean IgM and IgG anti-SRBC titres were uniformly red
Rhesus monkeys exposed directly from birth to 20 wks. "The mean IgM and IgG anti-SRBC titres were uniformly reduced
Cynomolgus monkeys exposed directly from birth to 20 wks. "There were no statistically significant differences between
Rhesus monkeys exposed directly from birth to 20 wks. "There were no statistically significant differences between the c
Cynomolgus monkeys exposed directly from birth to 20 wks. "No statistical differences were found for either absolute or
Rhesus monkeys exposed directly from birth to 20 wks. "No statistical differences were found for either absolute or relat
Cynomolgus monkeys exposed directly from birth to 20 wks. "...a statistical difference was observed between the contro
Rhesus monkeys exposed directly from birth to 20 wks. "...the mean percent and absolute levels for the marker HLA-DR i
Cynomolgus monkeys exposed directly from birth to 20 wks. "Cynomolgus monkeys - the intercept term for the orthogor
Rhesus monkeys exposed directly from birth to 20 wks. "Rhesus monkeys - For the following parameters, there were sigr
Cynomolgus monkeys exposed directly from birth to 20 wks. "Skeletal development was similar/normal for all infants."
Rhesus monkeys exposed directly from birth to 20 wks. "Skeletal development was similar/normal for all infants."
Cynomolgus monkeys exposed directly from birth to 20 wks. "...there were no statistical differences between the control
Rhesus monkeys exposed directly from birth to 20 wks. "...there were no statistical differences between the control and t
Cynomolgus monkeys exposed directly from birth to 20 wks. "No statistical differences were found for either absolute or
Rhesus monkeys exposed directly from birth to 20 wks. "No statistical differences were found for either absolute or relat
Cynomolgus monkeys exposed directly from birth to 20 wks. "For the cynomolgus monkeys, a slight oedema under the e
Rhesus monkeys exposed directly from birth to 20 wks. "For the cynomolgus monkeys, a slight oedema under the eyes w
Cynomolgus monkeys exposed directly from birth to 20 wks. "No statistical differences were found for either absolute or
Rhesus monkeys exposed directly from birth to 20 wks. "No statistical differences were found for either absolute or relat
Cynomolgus monkeys exposed directly from birth to 20 wks. "No statistical differences were found for either absolute or
Rhesus monkeys exposed directly from birth to 20 wks. "No statistical differences were found for either absolute or relat
Cynomolgus monkeys exposed directly from birth to 20 wks. "No statistical differences were found for either absolute or
Rhesus monkeys exposed directly from birth to 20 wks. "No statistical differences were found for either absolute or relat
Cynomolgus monkeys exposed directly from birth to 20 wks. "Cynomolgus monkeys - the intercept term for the orthogor
Rhesus monkeys exposed directly from birth to 20 wks. "Rhesus monkeys - For the following parameters, there were sigr
Rat dams dosed with 0, 1, or 6 mg/kg/d from GD6 through PND21. Mean litter size reported to be 11.6; litters were culle
Rat dams dosed with 0, 1, or 6 mg/kg/d from GD6 through PND21. Mean litter size reported to be 11.6; litters were culle
Rat dams dosed with 0, 1, or 6 mg/kg/d from GD6 through PND21. Mean litter size reported to be 11.6; litters were culle
Rat dams dosed from GD6 through PND21. Mean litter size reported to be 11.6; litters were culled to 8 pups on PND 4. F
Rat dams dosed with 0, 1, or 6 mg/kg/d from GD6 through PND21. Mean litter size reported to be 11.6; litters were culle
Rat dams dosed with 0, 1, or 6 mg/kg/d from GD6 through PND21. Mean litter size reported to be 11.6; litters were culle
"After 6 months on these diets, all monkeys developed facial chloracne, edema, and swollen eyelids to varying degrees."
"After 6 months on these diets, all monkeys developed facial chloracne, edema, and swollen eyelids to varying degrees.
"After 6 months on these diets, all monkeys developed facial chloracne, edema, and swollen eyelids to varying degrees."
4-6 wk old mice acclimated for 1 additional week; "...mice fed chow containing up to 1000 ppm of PCB for 3 to 5 weeks...
4-6 wk old mice acclimated for 1 additional week; "...mice fed chow containing up to 1000 ppm of PCB for 3 to 5 weeks...
Age NR-"sexually mature" females; "The monkeys fed chow containing 5.0 ppm PCB had anti-SRBC hemolysin titers that
4-6 wk old mice acclimated for 1 additional week; Data from Table 5.

Age NR-"sexually mature" females; "The monkeys fed chow containing 5.0 ppm PCB had y-globulin levels that were signi
4-6 wk old mice acclimated for 1 additional week; "On Days 6, 8, and 12 postchallenge, significantly greater numbers of v

168	0.9	0.199	0.054	1	154	NONE
168	0.9	0.199	0.054	1	154	NONE
168	0.9	0.199	0.054	1	154	NONE
168	0.9	0.199	0.054	1	154	NONE
168	0.9	0.199	0.054	1	154	NONE
168	0.9	0.199	0.054	1	154	NONE
168	0.9	0.199	0.054	1	154	NONE
168	0.9	0.199	0.054	1	154	NONE
168	0.9	0.199	0.054	1	154	NONE
168	0.9	0.199	0.054	1	154	NONE
168	0.9	0.199	0.054	1	154	NONE
168	0.9	0.199	0.054	1	154	NONE
168	0.9	0.199	0.054	1	154	NONE
168	0.9	0.199	0.054	1	154	NONE
168	0.9	0.199	0.054	1	154	NONE
168	0.9	0.199	0.054	1	154	NONE
168	0.9	0.199	0.054	1	154	NONE
168	0.9	0.199	0.054	1	154	NONE
168	0.9	0.199	0.054	1	154	NONE
168	0.9	0.199	0.054	1	154	NONE
168	0.9	0.199	0.054	1	154	NONE
168	0.9	0.199	0.054	1	154	NONE
168	0.9	0.199	0.054	1	154	NONE
168	0.9	0.199	0.054	1	154	NONE
168	0.9	0.199	0.054	1	154	NONE
168	0.9	0.199	0.054	1	154	NONE
168	0.9	0.199	0.054	1	154	NONE
168	0.9	0.199	0.054	1	154	NONE
168	0.9	0.199	0.054	1	154	NONE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
168	0.9	0.199	0.054	1	154	COMPLETE
168	0.9	0.199	0.054	1	154	COMPLETE
168	0.9	0.199	0.054	1	154	COMPLETE
18	0.9	0.229	0.264	6	21	COMPLETE
18	0.9	0.229	0.264	6	21	COMPLETE
168	0.9	0.199	0.054	1	154	COMPLETE
18	0.9	0.229	0.264	6	21	COMPLETE
18	0.9	0.229	0.264	6	21	COMPLETE
18	0.9	0.229	0.264	6	21	COMPLETE
168	0.9	0.199	0.054	1	154	COMPLETE
18	0.9	0.229	0.264	6	21	COMPLETE

Chelsea
Chelsea
Chelsea
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Chelsea
Geniece
Geniece
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Geniece
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Geniece
Geniece
Geniece
Geniece
Geniece

Thomas and Hinsdill	1978	199679
Overmann et al.	1987	199680
Overmann et al.	1987	199680
Overmann et al.	1987	199680
Overmann et al.	1987	199680
Overmann et al.	1987	199680
Overmann et al.	1987	199680
Overmann et al.	1987	199680
Overmann et al.	1987	199680
Overmann et al.	1987	199680
Overmann et al.	1987	199680
Overmann et al.	1987	199680
Overmann et al.	1987	199680
Overmann et al.	1987	199680
Overmann et al.	1987	199680
Overmann et al.	1987	199680
Thomas and Hinsdill	1980	199681
Thomas and Hinsdill	1980	199681
Thomas and Hinsdill	1980	199681
Thomas and Hinsdill	1980	199681
Thomas and Hinsdill	1980	199681
Thomas and Hinsdill	1980	199681
Thomas and Hinsdill	1980	199681
Thomas and Hinsdill	1980	199681
Rice et al.	1998	199689
Crofton et al.	2000	199692
Crofton et al.	2000	199692
Crofton et al.	2000	199692
Crofton et al.	2000	199692
Crofton et al.	2000	199692
Crofton et al.	2000	199692
Crofton et al.	2000	199692
Sager and Girard	1994	199695
Sager and Girard	1994	199695
Sager and Girard	1994	199695
Sager and Girard	1994	199695
Sager and Girard	1994	199695
Sager and Girard	1994	199695
Sager and Girard	1994	199695
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Sager and Girard	1994	199695
Sager and Girard	1994	199695
Sager and Girard	1994	199695
Sager and Girard	1994	199695
Sager and Girard	1994	199695
Sager and Girard	1994	199695
Sager and Girard	1994	199695

swollen eyelids
gross abnormalities
age of eye opening
number of dams that delivered litters, litter size, observation of live vs dead offspring
sex ratio
birth weight, postnatal pup weight
liver weight (P0)
liver weight (F1)
thymus and spleen wt (P0)
thymus and spleen wt (F1)
electroshock seizure phases duration, brain weight (F1)
brain weight (P0)
negative geotaxis, air righting, forepaw suspension
auditory startle
gestation length
body weight
bile duct fibrosis, hepatic vacuolization, liver focal areas of necrosis (offspring)
liver weight (offspring)
antibody response to SRBC (antibody forming cells or serum antibodies)
contact hypersensitivity response
mitogen response to PHA or ConA
thymus and spleen histopath
differential white blood cell counts
3 spatial discrimination reversal tasks, differential reinforcement of low rate (DRL) 30-s schedule initiation reversal tasks
eye opening
litter size, pup mortality
pup weight
T3, T4
T3, T4
acoustic startle response habituation
acoustic startle response, auditory thresholds
alopecia
scaly skin
number of implantation sites, number of embryos at GD11-12
litter weight/pup weight
swollen abdomen
liver weight (P0)
liver weight (F1)
spleen weight
estrous cyclicity
corpora lutea
number of implantation sites, number of embryos at GD11-12
age of vaginal opening, age of first estrus
onset of light-induced persistent vaginal estrus
uterine histopathology
uterine weight, ovarian weight
mating

Periorbital edema	Ocular
Birth defects	Developmental
Developmental Milestones	Developmental
Offspring Mortality	Developmental
Sex Ratio	Reproductive
Weight and Size (Early Life)	Developmental
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Immune Organ Size/Weight	Immune System
Immune Organ Size/Weight	Immune System
Brain Weight & Histopathology	Nervous System
Brain Weight & Histopathology	Nervous System
Motor Function/Development	Nervous System
Visual, Auditory, and Olfactory Function	Nervous System
Gestation Duration/Preterm Birth	Reproductive
Weight and Size (Early Life)	Developmental
Liver Histopathology	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Antibody Responses	Immune System
Delayed-Type Hypersensitivity	Immune System
Ex Vivo WBC Function	Immune System
Immune Organ Histopathology	Immune System
White Blood Cell (WBC) Counts	Immune System
Cognitive Function	Nervous System
Developmental Milestones	Developmental
Offspring Mortality	Developmental
Weight and Size (Early Life)	Developmental
HPT Hormones	Endocrine
HPT Hormones	Endocrine
Emotional state/affective behavior	Nervous System
Visual, Auditory, and Olfactory Function	Nervous System
Alopecia	Dermal
Dermal Irritation	Dermal
Offspring Mortality	Developmental
Weight and Size (Early Life)	Developmental
Digestive system complaints/diseases	Gastrointestinal
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Immune Organ Size/Weight	Immune System
Estrous/Menstrual Cycle	Reproductive
Ovulation	Reproductive
Pregnancy/conception rate	Reproductive
Pubertal Development (F)	Reproductive
Reproductive aging	Reproductive
Reproductive Organ Histopathology (F)	Reproductive
Reproductive Organ Size/Weight (F)	Reproductive
Sexual behavior (F)	Reproductive

Aroclor 1248
Aroclor 1254
Aroclor 1254
Aroclor 1254
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Aroclor 1248
Aroclor 1248
Aroclor 1248
Breast milk mixture: PCBs 52, 66, 74, 105, 118, 138, 153, 156, 157, 180, 183, 187, 189, 194, 203
Aroclor 1254
Aroclor 1254
Aroclor 1254
Aroclor 1254
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Aroclor 1254
Aroclor 1254

	Rhesus monkey	Oral-diet	Primary
	Rat	Oral-diet	Secondary
	Rat	Oral-diet	Secondary
	Rat	Oral-diet	Secondary
	Rat	Oral-diet	Secondary
	Rat	Oral-diet	Secondary
	Rat	Oral-diet	Primary
	Rat	Oral-diet	Secondary
	Rat	Oral-diet	Primary
	Rat	Oral-diet	Secondary
	Rat	Oral-diet	Secondary
	Rat	Oral-diet	Primary
	Rat	Oral-diet	Secondary
	Rat	Oral-diet	Secondary
	Rat	Oral-diet	Primary
	Rabbit	Oral-diet	
	Rabbit	Oral-diet	
	Rabbit	Oral-diet	
	Rabbit	Oral-diet	
	Rabbit	Oral-diet	
	Rabbit	Oral-diet	
	Rabbit	Oral-diet	
	Rabbit	Oral-diet	
	Cynomolgus monkey	Oral-syringe	Primary, pre-weaning
	Rat	Oral-gavage	Secondary
	Rat	Oral-gavage	Secondary
	Rat	Oral-gavage	Secondary
	Rat	Oral-gavage	Primary
	Rat	Oral-gavage	Secondary
	Rat	Oral-gavage	Secondary
	Rat	Oral-gavage	Secondary
	Rat	Oral-gavage	Secondary
	Rat	Oral-gavage	Secondary
	Rat	Oral-gavage	Secondary
	Rat	Oral-gavage	Secondary
	Rat	Oral-gavage	Secondary
	Rat	Oral-gavage	Primary
	Rat	Oral-gavage	Secondary
	Rat	Oral-gavage	Secondary
	Rat	Oral-gavage	Secondary
	Rat	Oral-gavage	Secondary
	Rat	Oral-gavage	Secondary
	Rat	Oral-gavage	Secondary
	Rat	Oral-gavage	Secondary
	Rat	Oral-gavage	Secondary
	Rat	Oral-gavage	Secondary
	Rat	Oral-gavage	Secondary

NR (5 kg female)	182.5		
		no	11.7
		no	11.2
NR (250 g females)	43		
		no	9.4
		no	11.2
		no	11.2
		no	9.4
		no	11.2

0	22	N/A	N/A	0
0	36	N/A	N/A	14
0	43	N/A	N/A	21
0	43	N/A	N/A	21
0	43	N/A	N/A	21
0	29	N/A	N/A	7
0	34	N/A	N/A	12
		168	308	
6	22	N/A	N/A	3
6	14	N/A	N/A	0
22	43	N/A	N/A	21
22	30	N/A	N/A	24
22	30	N/A	N/A	24
-199	-191	N/A	N/A	0
22	30	N/A	N/A	24
22	30	N/A	N/A	24
22	30	N/A	N/A	24
22	30	N/A	N/A	24
22	30	N/A	N/A	24
22	30	N/A	N/A	24
22	30	N/A	N/A	24
22	30	N/A	N/A	24
22	30	N/A	N/A	24
22	30	N/A	N/A	24

		1	2.5	5
22	3	1	2.5	269
36	2	1	2.5	269
		1	2.5	269
43	2	1	2.5	269
172	2	1	2.5	269
122	2	1	2.5	269
29	2	1	2.5	269
34	2	1	2.5	269
1810.5	4	0	0.0075	0.0075
25	2	0	6	6
		0	6	6
20	3	0	6	6
107	4	0	6	6
45	4	0	4.4	35.6
45	4	0	4.4	35.6
11	3	0	4.4	35.6
45	4	0	4.4	35.6
45	4	0	4.4	35.6
		0	4.4	35.6
145	4	0	4.4	35.6
126	4	0	4.4	35.6
232	4	0	4.4	35.6
56.5	4	0	4.4	35.6
283	4	0	4.4	35.6
181	4	0	4.4	35.6
157	4	0	4.4	35.6
221	4	0	4.4	35.6

N/A		2.5	
			N/A
			N/A
	26	269	N/A
			N/A
N/A		2.5	N/A
N/A		2.5	
	2.5	26	N/A
			N/A
N/A		2.5	N/A
N/A		2.5	N/A
			N/A
	2.5	26	N/A
N/A		2.5	N/A
			N/A
N/A			0.0075
			N/A
			N/A
N/A		6	N/A
N/A		6	
N/A		6	N/A
			N/A
N/A		6	N/A
	17.8	35.6	N/A
	17.8	35.6	N/A
	4.4	17.8	N/A
	4.4	17.8	N/A
	17.8	35.6	N/A
	17.8	35.6	
	17.8	35.6	N/A
			N/A
N/A		4.4	N/A
			N/A
	4.4	17.8	N/A
	4.4	17.8	N/A
	4.4	17.8	N/A
N/A		4.4	N/A
N/A		4.4	N/A
	4.4	17.8	N/A

"After 6 months on these diets, all monkeys developed facial chloracne, edema, and swollen eyelids to varying degrees."
"At parturition there were no grossly observable physical deformities and there were no effects of the PCB treatment on
"The duration of suspension by the forepaws and the appearance of eye opening were not affected by PCB exposure (dat
Targeted dietary cocentrations (0, 3,30, and 300 ppm) authors report that analysis of the diet revealed actual levels of 0.
"At parturition there were no grossly observable physical deformities and there were no effects of the PCB treatment on
Litter size of LOAEL dose group estimated from Table 2; "Analysis of variance on preweaning pup body weights showed a
"When sacrificed at the weaning of their pups...The absolute wet weight of the dams' livers did not differ, but as a percer
"Representative pups were sacrificed at 21 and 150 days of age...Absolute liver weights were not significantly increased;
"When sacrificed at the weaning of their pups, there were no significant treatment effects on the...wet weights of the da
"At 150 days of age...spleen weight was smaller in pups from the 2.5 ppm condition than in those from the 0.02 ppm con
Rat dams were exposed from GD0 to PND21 to 2.5, 26 or 269 ppm (0.02 ppm was considered control). Targeted doses w
Rat dams were exposed from GD0 to PND21. "When sacrificed at the weaning of their pups, there were no significant tre
Rat dams were exposed from GD0 to PND21 to 2.5, 26 or 269 ppm (0.02 ppm was considered control). Targeted doses w
Rat dams were exposed from GD0 to PND21 to 2.5, 26 or 269 ppm (0.02 ppm was considered control). Targeted doses w
Wistar Rats were exposed to 2.5, 26 or 269 ppm AR 1254 via diet. Targeted doses were 3,30, and 300 ppm PCB- listed do

Cynomolgus monkeys exposed directly from birth to 20 wks. "Testing for the current study began when monkeys were al
Rat dams dosed from GD 6 to PND 21 with 6 mg/kg/d of Aroclor 1254 via oral gavage. On the day of birth, approximately
Treatment did not affect litter size or pup mortality (described in text p. 134).
Pup weight was altered in the A1254/A1254 (dosed GD6-PND21) and A1254/Control (dosed GD6-birth) on PND3 and in t
Maternal T4 levels depressed at GD20. Age NR, body weight approx 250 g (Figure 2).
T4 was altered by GD20 (Fig. 5). Since there were only two treatment groups (control and 6 mg/kg/d A1254), the litter si
"Data collected on both PND 28 and PND 70 did not reveal any treatment-related effects on the amplitude of the startle
Litter size of LOAEL dose group was 12.2 (pg 134). Auditory thresholds were measured on PND 85-95. Treatment altered
Dams were treated on PNDs 1, 3, 5, 7, and 9 to 8, 32, 64 µg/g (=mg/kg) (P0 exposed) administered orally in peanut oil (as
Dams were treated on PNDs 1, 3, 5, 7, and 9 to 8, 32, 64 µg/g (=mg/kg) (P0 exposed) administered orally in peanut oil (as
Dams were treated on PNDs 1, 3, 5, 7, and 9 to 8, 32, 64 µg/g (=mg/kg) (P0 exposed) administered orally in peanut oil (as
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168	0.9	0.199	0.054	1	154	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
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22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
168	0.9	0.199	0.054	1	154	NONE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
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22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
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22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE

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Sager and Girard	1994	199695
Sager and Girard	1994	199695
Hood et al.	1999	199700
Hood et al.	1999	199700
Hood et al.	1999	199700
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Kaya et al.	2002	199715
Kaya et al.	2002	199715
Kaya et al.	2002	199715
Kaya et al.	2002	199715
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Kaya et al.	2002	199715
Kaya et al.	2002	199715
Kaya et al.	2002	199715
Kaya et al.	2002	199715
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Fielden et al.	2001	199745
Fielden et al.	2001	199745
Fielden et al.	2001	199745
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Fielden et al.	2001	199745
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Fielden et al.	2001	199745
Fielden et al.	2001	199745
Fielden et al.	2001	199745
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Schantz et al.	1989	199761
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Schantz et al.	1989	199761
Schantz et al.	1989	199761

hydronephrosis, dilated renal pelvis, destruction of medullary tissue
kidney weight
serum TSH, T4 (free, total), T3 (free, total)
thyroid-follicular cell hypertrophy, thyroid cell proliferation
thyroid weight
malformations
litter size
sex ratio
pup weight
pituitary weight (F0)
pituitary weight (F1)
thyroid weight (F0)
thyroid weight (F1)
liver weight (F0)
liver weight (F1)
brain weight (F0)
brain weight (F1)
conditioned place preference, sweet preference
litter size, pregnancy rate
uterus weight
prostate weight, testes weight
serum estradiol and testosterone levels
serum estradiol and testosterone levels
anogenital distance
fecundity, litter size, pup survival
sex ratio
litter weight, pup weight
liver weight (P0)
liver weight (F1)
thymus weight (P0)
thymus weight (F1)
days to parturition
fecundity, litter size, "evidence of conception"
testis weight
sperm count, sperm motion, in vitro fertilizing ability
hyperpigmentation
hyperpigmentation
hyperpigmentation
hyperpigmentation
infant birth weights and weights at weaning
infant birth weights and weights at weaning
infant birth weights and weights at weaning
infant birth weights and weights at weaning
two choice discrimination reversal learning (spatial, color, and shape)
two choice discrimination reversal learning (spatial, color, and shape)
two choice discrimination reversal learning (spatial, color, and shape)
two choice discrimination reversal learning (spatial, color, and shape)

Kidney Histopathology	Urinary System
Kidney Weight	Urinary System
HPT Hormones	Endocrine
Thyroid Histopathology	Endocrine
Thyroid Size/Weight	Endocrine
Birth defects	Developmental
Offspring mortality	Developmental
Sex ratio	Reproductive
Weight and size (early life)	Developmental
Pituitary weight	Endocrine
Pituitary weight	Endocrine
Thyroid Size/Weight	Endocrine
Thyroid Size/Weight	Endocrine
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Brain Weight & Histopathology	Nervous System
Brain Weight & Histopathology	Nervous System
Emotional state/affective behavior	Nervous System
Pregnancy/conception rate	Reproductive
Reproductive Organ Size/Weight (F)	Reproductive
Reproductive Organ Size/Weight (M)	Reproductive
Sex Hormone Levels (F)	Reproductive
Sex Hormone Levels (M)	Reproductive
Anogenital Distance	Reproductive
Offspring Mortality	Developmental
Sex Ratio	Reproductive
Weight and Size (Early Life)	Developmental
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Immune Organ Histopathology	Immune System
Immune Organ Histopathology	Immune System
Gestation Duration/Preterm Birth	Reproductive
Pregnancy/conception rate	Reproductive
Reproductive Organ Size/Weight (M)	Reproductive
Sperm/semen parameters	Reproductive
Abnormal Pigmentation	Dermal
Abnormal Pigmentation	Dermal
Abnormal Pigmentation	Dermal
Abnormal Pigmentation	Dermal
Weight and Size (Early Life)	Developmental
Weight and Size (Early Life)	Developmental
Weight and Size (Early Life)	Developmental
Weight and Size (Early Life)	Developmental
Cognitive function	Nervous System
Cognitive function	Nervous System
Cognitive function	Nervous System
Cognitive function	Nervous System

Aroclor 1254
Aroclor 1254
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Breast milk mixture: PCBs 28, 77, 101, 105, 118, 126, 138, 146, 153, 156, 169, 170, 180, 187
Breast milk mixture: PCBs 28, 77, 101, 105, 118, 126, 138, 146, 153, 156, 169, 170, 180, 187
Breast milk mixture: PCBs 28, 77, 101, 105, 118, 126, 138, 146, 153, 156, 169, 170, 180, 187
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Breast milk mixture: PCBs 28, 77, 101, 105, 118, 126, 138, 146, 153, 156, 169, 170, 180, 187
Aroclor 1242
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Aroclor 1016
Aroclor 1248
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Aroclor 1248

Rat	Oral-gavage	Secondary
Rat	Oral-gavage	Secondary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Secondary
Rat	Oral-diet	Secondary
Rat	Oral-diet	Secondary
Rat	Oral-diet	Secondary
Rat	Oral-diet	Primary
Rat	Oral-diet	Secondary
Rat	Oral-diet	Primary
Rat	Oral-diet	Secondary
Rat	Oral-diet	Primary
Rat	Oral-diet	Secondary
Rat	Oral-diet	Primary
Rat	Oral-diet	Secondary
Rat	Oral-diet	Secondary
Rat	Oral-diet	Primary
Rat	Oral-diet	Secondary
Rat	Oral-diet	Secondary
Rat	Oral-diet	Secondary
Rat	Oral-diet	Secondary
Mouse	Oral-gavage	Secondary
Mouse	Oral-gavage	Secondary
Mouse	Oral-gavage	Secondary
Mouse	Oral-gavage	Secondary
Mouse	Oral-gavage	Primary
Mouse	Oral-gavage	Secondary
Mouse	Oral-gavage	Primary
Mouse	Oral-gavage	Secondary
Mouse	Oral-gavage	Primary
Mouse	Oral-gavage	Primary
Mouse	Oral-gavage	Secondary
Mouse	Oral-gavage	Secondary
Rhesus monkey	Oral-diet	Secondary
Rhesus monkey	Oral-diet	Secondary
Rhesus monkey	Oral-diet	Secondary
Rhesus monkey	Oral-diet	Secondary
Rhesus monkey	Oral-diet	Secondary
Rhesus monkey	Oral-diet	Secondary
Rhesus monkey	Oral-diet	Secondary
Rhesus monkey	Oral-diet	Secondary
Rhesus monkey	Oral-diet	Secondary
Rhesus monkey	Oral-diet	Secondary
Rhesus monkey	Oral-diet	Secondary

		no	8
		no	8
NR (Male SD rats 225-250g)	7		
		no	8.5
		no	8.5
56	72		
56	72		
		no	10.2
		no	10.2
		no	8.5
		no	8.5
		no	8.5
		no	10.2
		no	8.5
		No	6
98	63		
		No	6
		no	8
		no	1
		no	1
		no	1
		no	1
		no	1
		no	1
		no	1
		no	1

22	30	N/A	N/A	24
22	30	N/A	N/A	24
-50	22	N/A	N/A	0
-50	22	N/A	N/A	5
-50	22	N/A	N/A	21
-50	22	N/A	N/A	21
-50	22	N/A	N/A	21
-50	22	N/A	N/A	21
-50	22	N/A	N/A	21
-50	22	N/A	N/A	21
-50	22	N/A	N/A	21
-14	39	N/A	N/A	21
-14	39	N/A	N/A	21
-14	39	N/A	N/A	21
-373	290	N/A	N/A	122
-949.1	-395.5	N/A	N/A	122
-486.7	290	N/A	N/A	122
-1527	-973	N/A	N/A	122
-373	168	N/A	N/A	0
-1527	-973	N/A	N/A	0
-373	290	N/A	N/A	122
-1527	-973	N/A	N/A	122

145	4	0	4.4	35.6
233	4	0	4.4	35.6
		1	25	200
22	3	0	0.5	4
27	2	0	0.5	4
		0	0.5	4
		0	0.5	4
43	2	0	0.5	4
43	2	0	0.5	4
132	2	0	0.5	4
43	2	0	0.5	4
272	2	0	0.5	4
43	2	0	0.5	4
332	2	0	0.5	4
39	2	0	5	50
		0	5	50
130	2	0	5	50
130	2	0	5	50
290	2	0	0.00758	0.0297
290	2	0	0.09	0.09
290	2	0	0.03	0.03
594	2	0	0.08	0.08
168	3	0	0.00758	0.0297
168	3	0	0.08	0.08
594	2	0	0.00758	0.0297
594	2	0	0.08	0.08

	4.4	17.8	N/A
	17.8	35.6	N/A
N/A		25	
			N/A
			N/A
			N/A
	2	4	N/A
			N/A
	2	4	N/A
			N/A
			N/A
N/A		0.5	
			N/A
	2	4	
N/A		0.5	N/A
			N/A
N/A		0.5	N/A
	2	4	N/A
			N/A
	2	4	N/A
	2	4	N/A
N/A		0.5	N/A
	2	4	N/A
			N/A
			N/A
	25	50	N/A
			N/A
			N/A
			N/A
	5	12.5	
	25	50	N/A
			N/A
			N/A
			N/A
N/A		5	N/A
N/A		0.00758	N/A
N/A		0.09	N/A
N/A		0.03	N/A
N/A		0.08	N/A
	0.00758	0.0297	N/A
			N/A
			N/A
N/A		0.08	N/A
	0.00758	0.0297	N/A
			N/A
			N/A
N/A		0.08	N/A

Dams were treated on PNDs 1, 3, 5, 7, and 9 to 8, 32, 64 µg/g (=mg/kg) (P0 exposed) administered orally in peanut oil (as
Dams were treated on PNDs 1, 3, 5, 7, and 9 to 8, 32, 64 µg/g (=mg/kg) (P0 exposed) administered orally in peanut oil (as
Male rats fed 25, 50, 100, or 200 ppm A1254 for 7 days. Total T4 reduced at 25 ppm. (p165, Figs 1-3)
Male rats fed 25, 50, 100, or 200 ppm A1254 for 7 days. No treatment effects (p166, Figs 5-7)
Male rats fed 25, 50, 100, or 200 ppm A1254 for 7 days. No treatment effects (p166, Fig 3)

Dosing of rat dams from 50 d prior to mating to PND0; litter size evaluated at birthAuthors reported that food doses of 5,

Dosing of rat dams from 50 d prior to mating to PND0; pup weight altered at PND5Authors reported that food doses of 5,

Dosing of rat dams from 50 d prior to mating to PND0; thyroid weight was altered at PND21Authors reported that food d

Dosing of rat dams from 50 d prior to mating to PND0; liver weight was altered at PND0Authors reported that food doses
Dosing of rat dams from 50 d prior to mating to PND0; F1 liver weights altered at PND21Authors reported that food dose

Dosing of rat dams from 50 d prior to mating to PND0; F1 brain weights altered at PND21Authors reported that food dose
Dosing of rat dams from 50 d prior to mating to PND0; sweet preference altered after PND 110; conditioned place prefere

Dosing of rat dams from 50 d prior to mating to PND0; F1 uterine weights altered at PND21Authors reported that food d
Dosing of rat dams from 50 d prior to mating to PND0; F1 prostate weights altered at PND250Authors reported that food
Dosing of rat dams from 50 d prior to mating to PND0; estradiol levels in F1 females altered at PND21Authors reported th
Dosing of rat dams from 50 d prior to mating to PND0; testosterone levels in F1 males altered at PND310Authors reporte
14 week old female mice were treated fo 63 days starting two weeks prior to mating (14d + 10d (mating period) + 18d (g
14 week old female mice were treated fo 63 days starting two weeks prior to mating (14d + 10d (mating period) + 18d (g
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14 week old female mice were treated fo 63 days starting two weeks prior to mating (14d + 10d (mating period) + 18d (g
Dams exposed to 0.25 or 1 ppm A1016 (authors report that these doses are equivalent to 7.58 and 29.7 ug/kg-d, respecti
Dams exposed to 2.5 ppm A1248 (authors report that the dose is equivalent to 0.09 mg/kg-d) for 18.2 mo. Beginning 12 r
Dams exposed to 1 ppm A1248 3x/wk (authors report that the dose is equivalent to 0.03 mg/kg-d 3x/wk) for an average
Dams exposed to 2.5 ppm A1248 (authors report that the dose is equivalent to 0.08 mg/kg-d) for 18.2 mo. Beginning 32 r
Dams exposed to 0.25 or 1 ppm A1016 (authors report that these doses are equivalent to 7.58 and 29.7 ug/kg-d, respecti
Dams exposed to 2.5 ppm A1248 (authors report that the dose is equivalent to 0.09 mg/kg-d) for 18.2 mo. Beginning 12 r
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Dams exposed to 2.5 ppm A1248 (authors report that the dose is equivalent to 0.09 mg/kg-d) for 18.2 mo. Beginning 12 r
Dams exposed to 1 ppm A1248 3x/wk (authors report that the dose is equivalent to 0.03 mg/kg-d 3x/wk) for an average
Dams exposed to 2.5 ppm A1248 (authors report that the dose is equivalent to 0.08 mg/kg-d) for 18.2 mo. Beginning 32 r

22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
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22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
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18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
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Powers et al.	2009	199798
Powers et al.	2009	199798
Powers et al.	2009	199798
Powers et al.	2009	199798
Powers et al.	2009	199798
Powers et al.	2009	199798
Powers et al.	2009	199798
Powers et al.	2009	199798
Powers et al.	2009	199798
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Bowman et al.	1981	199846
Bowman et al.	1981	199846
Bowman et al.	1981	199846
Bowman et al.	1981	199846
Bowman et al.	1981	199846
Bowman et al.	1981	199846
Bowman et al.	1981	199846
Bowman et al.	1981	199846
Bowman et al.	1981	199846
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Lilienthal et al.	2000	199855
Lilienthal et al.	2000	199855
Lilienthal et al.	2000	199855
Lilienthal et al.	2000	199855
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Roegge et al.	2006	199873
Roegge et al.	2006	199873
Roegge et al.	2006	199873
Allen and Norback	1973	201382
Allen and Norback	1973	201382
Allen and Norback	1973	201382
Allen and Norback	1973	201382
Allen and Norback	1973	201382
Allen and Norback	1973	201382
Allen and Norback	1973	201382
Allen and Norback	1973	201382
Andrews	1989	201386
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Andrews	1989	201386
Andrews	1989	201386
Andrews	1989	201386
Andrews	1989	201386
Andrews	1989	201386
Andrews	1989	201386

developmental milestones
litter size, offspring mortality
sex ratio
body weight
liver-to-body wt. ratio
ratios of thymus to body weight
brain-to-body wt. ratio
auditory function assessed at PND 200 distortion product otoacoustic emissions (DPOAEs) and auditory brainstem respor
litter size
multiple fixed interval (FI) fixed ratio, interresponse times
offspring body weight
offspring body weight
offspring body weight
locomotor activity
locomotor activity
locomotor activity
locomotor activity
locomotor activity
locomotor activity
nonspatial discrimination reversal problems, spatial delayed alternation task
pups/litter, litter number, pup mortality
litter weight, pup weight
Vitamin D
Vitamin D
pups/litter, litter number
relative reinforcement schedule and progressive ratio schedule
radial arm maze
body weights
T4, T3
cerebellar histopathology
acneform lesions
hair loss
subcutaneous edema
GI histopathology
proliferation of the smooth endoplasmic reticulum observed electron microscopically
liver hypertrophy
ocular discharge
swollen eyelids
parathyroid hormone
serum 1,25- dihydroxy vitamin D-3 (p87)
triglycerides
cholesterol
liver weight
serum alkaline phosphatase, LDH
femur morphometry
bone histopathology (p88, Table 5)
kidney bw ratios

Developmental Milestones	Developmental
Offspring Mortality	Developmental
Sex Ratio	Reproductive
Weight and Size (Early Life)	Developmental
Liver Weight/Hepatomegaly	Hepatobiliary
Immune Organ Size/Weight	Immune System
Brain Weight & Histopathology	Nervous System
Visual, Auditory, and Olfactory Function	Nervous System
Pregnancy/conception rate	Reproductive
Cognitive Function	Nervous System
Weight and Size (Early Life)	Developmental
Weight and Size (Early Life)	Developmental
Weight and Size (Early Life)	Developmental
Emotional state/affective behavior	Nervous System
Emotional state/affective behavior	Nervous System
Emotional state/affective behavior	Nervous System
Motor Function/Development	Nervous System
Motor Function/Development	Nervous System
Motor Function/Development	Nervous System
Cognitive Function	Nervous System
Offspring Mortality	Developmental
Weight and Size (Early Life)	Developmental
Vitamin D	Endocrine
Vitamin D	Endocrine
Pregnancy/conception rate	Reproductive
Cognitive Function	Nervous System
Cognitive function	Nervous System
Weight and Size (Early Life)	Developmental
HPT Hormones	Endocrine
Brain Weight & Histopathology	Nervous System
Acne/Chloracne	Dermal
Alopecia	Dermal
Subcutaneous Edema	Dermal
Gastrointestinal Histopathology	Gastrointestinal
Liver Histopathology	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Ocular Discharge	Ocular
Periorbital Edema	Ocular
Parathyroid Hormone	Endocrine
Vitamin D	Endocrine
Blood Triglycerides	Hepatobiliary
Cholesterol	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Serum Biomarkers of Liver Health & Function	Hepatobiliary
Bone Density/Strength & Osteoporosis	Musculoskeletal
Bone Histopathology	Musculoskeletal
Kidney Weight	Urinary System

Fox River PCB mixture
Fox River PCB mixture
Fox River PCB mixture
Fox River PCB mixture
Fox River PCB mixture
Fox River PCB mixture
Fox River PCB mixture
Fox River PCB mixture
Fox River PCB mixture
Breast milk mixture: PCBs 52, 66, 74, 105, 118, 138, 153, 156, 157, 180, 183, 187, 189, 194, 203
Aroclor 1248
Aroclor 1248
Aroclor 1248
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Aroclor 1248
Breast milk mixture: PCBs 52, 66, 74, 105, 118, 138, 153, 156, 157, 180, 183, 187, 189, 194, 203
Breast milk mixture: PCBs 28, 77, 101, 105, 118, 126, 138, 146, 153, 156, 169, 170, 180, 187
Breast milk mixture: PCBs 28, 77, 101, 105, 118, 126, 138, 146, 153, 156, 169, 170, 180, 187
Breast milk mixture: PCBs 28, 77, 101, 105, 118, 126, 138, 146, 153, 156, 169, 170, 180, 187
Breast milk mixture: PCBs 28, 77, 101, 105, 118, 126, 138, 146, 153, 156, 169, 170, 180, 187
Breast milk mixture: PCBs 28, 77, 101, 105, 118, 126, 138, 146, 153, 156, 169, 170, 180, 187
Breast milk mixture: PCBs 52, 66, 74, 105, 118, 138, 153, 156, 157, 180, 183, 187, 189, 194, 203
Aroclor 1254
Aroclor 1254
Aroclor 1254
Aroclor 1254
Aroclor 1248
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Aroclor 1254

Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Primary
Cynomolgus monkey	Oral-syringe	Primary, pre-weaning
Rhesus monkey	Oral-diet	Secondary
Rhesus monkey	Oral-diet	Secondary
Rhesus monkey	Oral-diet	Secondary
Rhesus monkey	Oral-diet	Secondary
Rhesus monkey	Oral-diet	Secondary
Rhesus monkey	Oral-diet	Secondary
Rhesus monkey	Oral-diet	Secondary
Rhesus monkey	Oral-diet	Secondary
Rhesus monkey	Oral-diet	Secondary
Cynomolgus monkey	Oral-syringe	Primary, pre-weaning
Rat	Oral-diet	Secondary
Rat	Oral-diet	Secondary
Rat	Oral-diet	Secondary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Cynomolgus monkey	Oral-syringe	Primary, pre-weaning
Rat	Oral-gavage	Secondary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Secondary
Rhesus monkey	Oral-diet	Primary
Rhesus monkey	Oral-diet	Primary
Rhesus monkey	Oral-diet	Primary
Rhesus monkey	Oral-diet	Primary
Rhesus monkey	Oral-diet	Primary
Rhesus monkey	Oral-diet	Primary
Rhesus monkey	Oral-diet	Primary
Rhesus monkey	Oral-diet	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary

		no	10
		no	10
		no	10
		no	10
		no	10
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		no	10
		no	10
74	50		
		no	1
		no	1
		no	1
		no	1
		no	1
		no	1
		no	1
		no	9
		no	9
60	72		
		no	8
		no	11.9
		no	11.9
639	91		
639	30		
639	91		
639	91		
639	91		
639	91		
639	91		
639	91		
28	35		
28	35		
28	35		
28	70		
28	70		
28	105		

-28				
-28				
-28				
-28				
-28	43	N/A	N/A	21
-28	43	N/A	N/A	21
-28				
-28	43	N/A	N/A	21
		168	308	
-346	259	N/A	N/A	0
-346	259	N/A	N/A	122
-1092	-589	N/A	N/A	122
-172	290	N/A	N/A	122
-346	259	N/A	N/A	122
-1092	-589	N/A	N/A	122
-172	290	N/A	N/A	122
		168	308	
-50	22	N/A	N/A	0
-50	22	N/A	N/A	21
		168	308	
6	43	N/A	N/A	21
-28	24	N/A	N/A	2
-28	38	N/A	N/A	21

43	2	0	1	3
43	2	0	1	3
222	2	0	1	3
		0	1	3
1628	4	0	0.0075	0.0075
168	3	0	0.09	0.09
350.5	2	0	0.09	0.09
533	2	0	0.09	0.09
533	2	0	0.006	0.01
350.5	2	0	0.09	0.09
533	2	0	0.09	0.09
533	2	0	0.006	0.01
1263	4	0	0.0075	0.0075
22	3	0	0.5	4
43	2	0	0.5	4
		0	0.5	4
2084.25	4	0	0.0075	0.0075
142	2	0	6	6
24	2	0	6	6
43	2	0	6	6
		1	300	300
		1	300	300
		1	300	300
		1	300	300
		1	300	300
		1	300	300
		1	300	300
		1	300	300
		0	0.1	25
		0	0.1	25
		0	0.1	25
		0	0.1	25
		0	0.1	25
		0	0.1	25

				N/A
				N/A
				N/A
				N/A
N/A		1	N/A	
	1	3	N/A	
				N/A
N/A		1	N/A	
	3	N/A		N/A
N/A			0.0075	
N/A		0.09	N/A	
				N/A
				N/A
N/A		0.09	N/A	
N/A		0.09	N/A	
N/A		0.006	N/A	
N/A		0.09	N/A	
N/A		0.09	N/A	
N/A		0.006	N/A	
N/A			0.0075	
				N/A
	0.5	2	N/A	
	2	4	N/A	
N/A		0.5		
				N/A
N/A			0.0075	
N/A		6	N/A	
N/A		6	N/A	
N/A		6	N/A	
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N/A		300		
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	10	25		
	1	10		
	0.1	1		
				N/A
N/A		0.1		
	1	10		
	1	10		

"At PND 21, ratios of liver to body weight were significantly increased in groups exposed to PCBs..."
"Ratios of thymus to body weight were significantly decreased in female pups in the 3 mg/kg PCB group..."

PCB mixture: (35%Aroclor 1248, 15%Aroclor 1254, and 15% Aroclor 1260) dilluted in corn oil added to a cookie at doses c

Cynomolgus monkeys exposed directly from birth to 20 wks. "Testing for the current study began when monkeys were 4
Rhesus monkey dams dosed for 86.4-89.4 wk (Table 1; assume 605 d). Dosing stopped after dam nursed offspring for 3 m
Rhesus monkey dams dosed for 71.9-89.4 wk (Table 2; assume 503 d; corresponding "weeks off PCB diet" is 84.1 (589 d))
Rhesus monkey dams dosed for 72-102 wk (Table 3; assume 504 d). Lactation duration 4 mo (122 d; provided in HERO #1
Rhesus monkey dams dosed for 86.4-89.4 wk (Table 1; assume 605 d). Dosing stopped after dam nursed offspring for 3 m
Rhesus monkey dams dosed for 71.9-89.4 wk (Table 2; assume 503 d; corresponding "weeks off PCB diet" is 84.1 (589 d))
Rhesus monkey dams dosed for 66-102 wk (Table 3). The footnotes for Table 3 state "...PCB exposure duration given was
Rhesus monkey dams dosed for 86.4-89.4 wk (Table 1; assume 605 d). Dosing stopped after dam nursed offspring for 3 m
Rhesus monkey dams dosed for 71.9-89.4 wk (Table 2; assume 503 d; corresponding "weeks off PCB diet" is 84.1 (589 d))
Rhesus monkey dams dosed for 66-102 wk (Table 3). The footnotes for Table 3 state "...PCB exposure duration given was
Cynomolgus monkeys exposed directly from birth to 20 wks. "When monkeys were 3 years old, they were tested on a se
4-5 week old female rats were acquired and allowed to grow for 4 additional weeks before being started on a diet contai
4-5 week old female rats were acquired and allowed to grow for 4 additional weeks before being started on a diet contai
4-5 week old female rats were acquired and allowed to grow for 4 additional weeks before being started on a diet contai
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4-5 week old female rats were acquired and allowed to grow for 4 additional weeks before being started on a diet contai
Cynomolgus monkeys exposed directly from birth to 20 wks. "At 5 years of age, monkeys were tested on a series of indep
Dosing from GD6-PND21 (rats); radial arm maze performance evaluated starting at PND120-150Litters were culled to 8 pu
Dams exposed 4 weeks prior to breeding and continuing through PND16. Body weight altered on PND2 (HeroID: 629932)
Dams exposed 4 weeks prior to breeding and continuing through PND16. T3 and T4 altered at PND 21 (Figures 1A and 1B
Dams exposed 4 weeks prior to breeding and continuing through PND16. Litter size reported elsewhere to be 11.9 (Hero
Adult male rhesus monkeys were given a diet containing 300 ppm Aroclor 1248 for 3 months. Acneform lesions were ob
Adult male rhesus monkeys were given a diet containing 300 ppm Aroclor 1248 for 3 months. Hair loss was observed aft
Adult male rhesus monkeys were given a diet containing 300 ppm Aroclor 1248 for 3 months. Subcutaneous edema was
Adult male rhesus monkeys were given a diet containing 300 ppm Aroclor 1248 for 3 months. GI histopathology was alte
Adult male rhesus monkeys were given a diet containing 300 ppm Aroclor 1248 for 3 months. Proliferation of smooth ER
Adult male rhesus monkeys were given a diet containing 300 ppm Aroclor 1248 for 3 months. Liver hypertrophy was obs
Adult male rhesus monkeys were given a diet containing 300 ppm Aroclor 1248 for 3 months. Ocular discharge was obse
Adult male rhesus monkeys were given a diet containing 300 ppm Aroclor 1248 for 3 months. Swollen eyelids were obse
Animals were fed for 5, 10 or 15wks (35, 70, or 105 days) before sacrifice and sample collection. "Serum PTH, phosphorus
Animals were fed for 5, 10 or 15wks (35, 70, or 105 days) before sacrifice and sample collection. "Serum PTH, phosphorus
Animals were fed for 5, 10 or 15wks (35, 70, or 105 days) before sacrifice and sample collection. Lowest responding dose
Animals were fed for 5, 10 or 15wks (35, 70, or 105 days) before sacrifice and sample collection. Lowest responding dose
Animals were fed for 5, 10 or 15wks (35, 70, or 105 days) before sacrifice and sample collection. Significant effect from 1
Animals were fed for 5, 10 or 15wks (35, 70, or 105 days) before sacrifice and sample collection. "Serum PTH, phosphorus
Animals were fed for 5, 10 or 15wks (35, 70, or 105 days) before sacrifice and sample collection. Lowest responding dose
Animals were fed for 5, 10 or 15wks (35, 70, or 105 days) before sacrifice and sample collection. Femur cross-sectional ar
Animals were fed for 5, 10 or 15wks (35, 70, or 105 days) before sacrifice and sample collection. Significant at 10 mg/kg a

22	0.9	0.094	0.154	10	21 COMPLETE
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168	0.9	0.199	0.054	1	154 NONE
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Bonnyns	1976	201400
Bonnyns	1976	201400
Bonnyns	1976	201400
Bonnyns	1976	201400
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Green et al.	1975	201433
Green et al.	1975	201433
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Jones et al.	1997	201451
Jones et al.	1997	201451
Jones et al.	1997	201451
Jones et al.	1997	201451
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Lundkvist	1990	201465
Lundkvist	1990	201465
Lundkvist	1990	201465
Lundkvist	1990	201465
Lundkvist	1990	201465
Lundkvist	1990	201465
Lundkvist	1990	201465
Miller et al.	1993	201470
Miller et al.	1993	201470
Miller et al.	1993	201470
Morse et al.	1996	201472
Morse et al.	1996	201472
Morse et al.	1996	201472
Rosin and Martin	1981	201490
Rosin and Martin	1981	201490
Sager et al.	1991	201494
Sager et al.	1991	201494
Sager et al.	1991	201494
Sager et al.	1991	201494
Sager et al.	1991	201494
Sager et al.	1991	201494
Seegal et al.	1986	201511
Seegal et al.	1991	201512

urinary alkaline phosphatase and lactate dehydrogenase
hepatic cytochrome P-450 activity
thymus weight
biliary flow
triglycerides
plasma total cholesterol, high-density lipoprotein cholesterol (HDL-chol), very-low plus low-density lipoprotein cholester
liver weight
response to PHA, PWM
thymus wt
total serum gamma globulin
total and differential white blood cell counts
male fertility
male fertility
male fertility
spermatogonial examination
spermatogonial examination
fur condition
number of implantations, number of resorptions
placental histopathology
fetal weight
illness
number of implantations
serum T3, T4
litter size, frequency of dead fetuses
sex ratio
body weight, growth rate in F1 male and female animals
gestation length
litter size
age at first vaginal opening, age at first ovulation
relative and absolute testis weight
plasma testosterone
adrenal histopathology
adrenal weight
serum corticosterone
litter size, postnatal mortality
offspring body weight
regional brain levels of dopamine (DA), 5-hydroxytryptamine (5-HT), and norepinephrine (NE)
locomotor activity, rotarod, screen test
seizure activity
offspring weight
male fertility
weights of testes, epididymides, ventral prostate, and seminal vesicles
FSH and testosterone levels
sperm morphology and motility, caudal sperm reserves, sperm production
hydronephrosis, dilated renal pelvis, destruction of medullary tissue
serotonin (5-HT) and serotonin metabolite levels (5-HIAA) in various brain regions (frontal cortex, hippocampus, hypotha
pigmentation

Urinalysis	Urinary System
Liver Enzyme Induction	Hepatobiliary
Immune Organ Size/Weight	Immune System
Bile Acid Content/Excretion	Hepatobiliary
Blood Triglycerides	Hepatobiliary
Cholesterol	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Ex Vivo WBC Function	Immune System
Immune Organ Size/Weight	Immune System
Immunoglobulin Levels - Nonspecific	Immune System
White Blood Cell (WBC) Counts	Immune System
Male fertility	Reproductive
Male fertility	Reproductive
Male fertility	Reproductive
Sperm/semen parameters	Reproductive
Sperm/semen parameters	Reproductive
Alopecia	Dermal
Offspring Mortality	Developmental
Placental Histopathology	Developmental
Weight and Size (Early Life)	Developmental
Susceptibility to Infection	Immune System
Pregnancy/conception rate	Reproductive
HPT Hormones	Endocrine
Offspring Mortality	Developmental
Sex Ratio	Reproductive
Weight and Size (Early Life)	Developmental
Gestation Duration/Preterm Birth	Reproductive
Pregnancy/Conception Rate	Reproductive
Pubertal Development (F)	Reproductive
Reproductive Organ Size/Weight (M)	Reproductive
Sex Hormone Levels (M)	Reproductive
Adrenal Histopathology	Endocrine
Adrenal Weight	Endocrine
HPA Hormones	Endocrine
Offspring Mortality	Developmental
Weight and Size (Early Life)	Developmental
Neurotransmitter levels	Nervous System
Motor Function/Development	Nervous System
Neurophysiology	Nervous System
Weight and Size (Early Life)	Developmental
Male fertility	Reproductive
Reproductive Organ Size/Weight (M)	Reproductive
Sex Hormone Levels (M)	Reproductive
Sperm/semen parameters	Reproductive
Kidney Histopathology	Urinary System
Neurotransmitter Levels	Nervous System
Abnormal Pigmentation	Dermal

Aroclor 1254
Mixture: PCBs 118, 138, 153, 156, 170, 180
Mixture: PCBs 118, 138, 153, 156, 170, 180
Aroclor 1254
Aroclor 1254
Aroclor 1254
Aroclor 1254
Aroclor 1254
Aroclor 1254
Aroclor 1254
Aroclor 1254
Aroclor 1242
Aroclor 1254
Aroclor 1254
Aroclor 1242
Aroclor 1254
Clophen A50
Clophen A50
Clophen A50
Clophen A50
Clophen A50
Aroclor 1254
Clophen A50
Clophen A50
Clophen A50
Clophen A50
Clophen A50
Clophen A50
Clophen A50
Clophen A50
Aroclor 1254
Aroclor 1254
Aroclor 1254
Aroclor 1254
Aroclor 1254
Aroclor 1254
Aroclor 1254
Aroclor 1254
Aroclor 1254
Aroclor 1254
Aroclor 1254
Aroclor 1254
Aroclor 1254
Mixture: Aroclors 1254, 1260
Aroclor 1016

Rat	Oral-gavage	Primary
Rat	Injection-ip	
Rat	Injection-ip	
Rat	Injection-ip	Primary
Rhesus monkey	Oral-capsule	Primary
Rhesus monkey	Oral-capsule	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-gavage	Primary
Rat	Oral-diet	Primary
Rat	Oral-gavage	Primary
Rat	Oral-diet	Primary
Rat	Oral-gavage	Primary
mink	Oral-diet	Secondary
mink	Oral-diet	Secondary
mink	Oral-diet	Secondary
mink	Oral-diet	Secondary
mink	Oral-diet	Secondary
mink	Oral-diet	Primary
Rat	Oral-diet	Secondary
Guinea pig	Oral-gavage	
Guinea pig	Oral-gavage	
Guinea pig	Oral-gavage	
Guinea pig	Oral-gavage	
Guinea pig	Oral-gavage	
Guinea pig	Oral-gavage	
Guinea pig	Oral-gavage	
Guinea pig	Oral-gavage	
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Secondary
Rat	Oral-gavage	Secondary
Rat	Oral-gavage	Secondary
Mouse	Oral-gavage	Primary
Mouse	Oral-gavage	Primary
Rat	Oral-gavage	Secondary
Rat	Oral-gavage	Secondary
Rat	Oral-gavage	Secondary
Rat	Oral-gavage	Secondary
Rat	Oral-gavage	Secondary
Rat	Oral-gavage	Secondary
rat	Oral-gavage	
Pigtail monkey	Oral-cookie	Primary

	28	105		
NR (male hood rats 280-300 g)		4		
	4015	1064		
	4015	1064		
NR (260-340g male)		7		
NR (260-340g male)		7		
NR (260-340g male)		7		
NR (260-340g male)		7		
NR (260-340g male)		7		
NR (275-350 g males)		5		
NR (275-350 g males)		5		
			no	5
			no	5
			no	10
	31	105		
			no	10
			no	10
NR: 19-24 g male		1		
			no	10
			no	10
			no	10
			no	10
			no	10

-9	53	N/A	N/A	0
-9	53	N/A	N/A	0
1	37	N/A	N/A	15
10	16	N/A	N/A	1
10	16	N/A	N/A	21
23	31	N/A	N/A	12
23	31	N/A	N/A	25
23	31	N/A	N/A	25
23	31	N/A	N/A	25
23	31	N/A	N/A	25

		0	0.1	25
		0	25	25
		0	0.005	0.08
		0	0.005	0.08
		1	250	250
		1	250	250
		1	250	250
		1	250	250
		1	250	250
		0	125	2500
		0	75	300
53	3	0	0.53	1.02
53	3	0	0.53	1.02
37	2	1	62.5	250
		0	0.1	25
23	2	0	5	25
112	2	0	5	25
		0	500	500
34	4	0	4.4	35.6
120	4	0	4.4	35.6
202	4	0	4.4	35.6
202	4	0	4.4	35.6
202	4	0	4.4	35.6

	0.1	1	
N/A		25	
N/A		0.005	
	0.02	0.04	
N/A		250	
N/A		250	
N/A		250	
N/A		250	
	250 N/A		N/A
	125	250	
			N/A
N/A		75	
			N/A
			N/A
			N/A
	0.53	1.02 N/A	
	0.53	1.02 N/A	
			N/A
			N/A
			N/A
N/A		62.5 N/A	
			N/A
			N/A
N/A		0.1	
			N/A
	5	25 N/A	
N/A		5 N/A	
N/A		500	
			N/A
	8.9	17.8 N/A	
	4.4	8.9 N/A	
N/A		4.4 N/A	
			N/A
	8.9	17.8 N/A	
N/A		4.4 N/A	
			N/A

Animals were fed for 5, 10 or 15wks (35, 70, or 105 days) before sacrifice and sample collection. "Urinary alkaline phosph

Male rats dosed ip with 25 mg/kg (77.2 micromoles) for 4 days. Treatement affected bile flow (Fig 2).
11 year old rhesus monkeys dosed for 152 weeks with 0, 5, 20, 40, or 80 ug/kg d A1254. Triglycerides significantly higher
11 year old rhesus monkeys dosed for 152 weeks with 0, ,5, 20, 40, or 80 ug/kg d A1254. Total cholesterol was significant
Age of animals not reported. Dose reported at mg/kg. "Liver weight was increased by about 60% in the PCB group."
Age of animals not reported. Dose reported at mg/kg. "In the control group there was no difference in responses betwee
Age of animals not reported. Dose reported at mg/kg. "Thymus weight was similar in both groups, but when related to b
Age of animals not reported. Dose reported at mg/kg. "Total serum protein and α1,- α2- and y-globulin fractions were re
Age of animals not reported. Dose reported at mg/kg.
Male rats given single dose of 625, 1250, or 2500 mg/kg A1242 then mated for 10-11 weeks; or 5 daily doses of A1242 12
Male rats given 25 or 100 ppm A1254 for 70 days in diet then mated for 1 week. No significant effects from feeding study
Male rats given five daily doses of A1254 at 75, 150, or 300 mg/kg. Results described as random, non-repeatable, and not
Males rats were given five daily doses of Aroclor 1242 at 125 or 250mg/kg/day or of Aroclor 1254 at 75 or 150mg/kg/day
Males rats were given five daily doses of Aroclor 1242 at 125 or 250mg/kg/day or of Aroclor 1254 at 75 or 150mg/kg/day
Mink dosed wth 0.65 or 1.3 mg/d 9-24 days premating, killed day 53. No treatment effect on fur condition (p692)
Mink dosed wth 0.65 or 1.3 mg/d 9-24 days premating, killed day 53. Low dose: 0.65/1.228 = 0.53 mg/kg_day; High dose
Mink dosed wth 0.65 or 1.3 mg/d 9-24 days premating, killed day 53. Low dose: 0.65/1.228 = 0.53 mg/kg_day; High dose
Mink dosed wth 0.65 or 1.3 mg/d 9-24 days premating, killed day 53. Low dose: 0.65/1.228 = 0.53 mg/kg_day; High dose
Mink dosed wth 0.65 or 1.3 mg/d 9-24 days premating, killed day 53. Low dose: 0.65/1.228 = 0.53 mg/kg_day; High dose
Mink dosed wth 0.65 or 1.3 mg/d 9-24 days premating, killed day 53. Low dose: 0.65/1.228 = 0.53 mg/kg_day; High dose
Rat dams dosed GD1 to PND15 (day of sac) with 0, 62.5, 125, or 250 ppm. Litter size NR (use default; culled to 8 on PND3)

28d old male Fischer rats were acquired and allowed to acclimate for 3 days before being dosed with 0.1, 1, 10, or 25 Arc
28d old male Fischer rats were acquired and allowed to acclimate for 3 days before being dosed with 0.1, 1, 10, or 25 Arc
28d old male Fischer rats were acquired and allowed to acclimate for 3 days before being dosed with 0.1, 1, 10, or 25 Arc
14 week old female Wistar WU rats were allowed to acclimate for 2 weeks before being bred. Pregnant females were dc
14 week old female Wistar WU rats were allowed to acclimate for 2 weeks before being bred. Pregnant females were dc
14 week old female Wistar WU rats were allowed to acclimate for 2 weeks before being bred. Pregnant females were dc
Adult mice (19-24 g) dosed one time and then effects on spontaneous activity and motor coordination (rotorod, screen te
PCBs had no effect on pentylenetetrazol-induced seizures.
Rat dams were dosed orally on PND1, 3, 5, 7, and 9 with 0, 8, 16, 32, 64 mg/kg-day, and effects in F1 males were evaluate
Rat dams were dosed orally on PND1, 3, 5, 7, and 9 with 0, 8, 16, 32, 64 mg/kg-day, and effects in F1 males were evaluate
Rat dams were dosed orally on PND1, 3, 5, 7, and 9 with 0, 8, 16, 32, 64 mg/kg-day, and effects in F1 males were evaluate
Rat dams were dosed orally on PND1, 3, 5, 7, and 9 with 0, 8, 16, 32, 64 mg/kg-day, and effects in F1 males were evaluate
Rat dams were dosed orally on PND1, 3, 5, 7, and 9 with 0, 8, 16, 32, 64 mg/kg-day, and effects in F1 males were evaluate
Rat dams were dosed orally on PND1, 3, 5, 7, and 9 with 0, 8, 16, 32, 64 mg/kg-day, and effects in F1 males were evaluate

Pigtailed macaques dosed for 20 wks with 0.8, 1.6, or 3.2 mg/kg/day of Aroclor 1016 or 1260 via cookie. Macaques were

22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	NONE
22	0.9	0.094	0.154	10	21	NONE
22	0.9	0.094	0.154	10	21	COMPLETE
168	0.9	0.199	0.054	1	154	COMPLETE
168	0.9	0.199	0.054	1	154	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
52	0.9	0.312	0.066	5	56	COMPLETE
52	0.9	0.312	0.066	5	56	COMPLETE
52	0.9	0.312	0.066	5	56	COMPLETE
52	0.9	0.312	0.066	5	56	COMPLETE
52	0.9	0.312	0.066	5	56	COMPLETE
52	0.9	0.312	0.066	5	56	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
18	0.9	0.229	0.264	6	21	COMPLETE
18	0.9	0.229	0.264	6	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	NONE
168	0.9	0.199	0.054	1	154	COMPLETE

Chelsea
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Seegal et al.	1991	201512
Seegal et al.	1991	201512
Seegal et al.	1991	201512
Seegal et al.	1991	201512
Seegal et al.	1991	201512
Seegal et al.	1991	201512
Seegal et al.	1991	201512
Seegal et al.	1991	201512
Seegal et al.	1991	201512
Seegal et al.	1991	201512
Seegal et al.	1991	201512
Seegal et al.	1991	201512
Seegal et al.	1991	201512
Seegal et al.	1991	201512
Seegal et al.	1994	201513
Seegal et al.	1994	201513
Seegal et al.	1994	201513
Seegal et al.	1994	201513
Seegal et al.	1994	201513
Seegal et al.	1994	201513
Seegal et al.	1994	201513
Seegal et al.	1994	201513
Seegal et al.	1994	201513
Seegal et al.	1994	201513
Zoeller et al.	2000	201532
Zoeller et al.	2000	201532
Zoeller et al.	2000	201532
Abrahamson and Allen	1973	201746
Abrahamson and Allen	1973	201746
Abrahamson and Allen	1973	201746
Abrahamson and Allen	1973	201746
Abrahamson and Allen	1973	201746
Abrahamson and Allen	1973	201746
Abrahamson and Allen	1973	201746
Abrahamson and Allen	1973	201746
Abrahamson and Allen	1973	201746
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Abrahamson and Allen	1973	201746
Abrahamson and Allen	1973	201746
Abrahamson and Allen	1973	201746
Abrahamson and Allen	1973	201746
Abrahamson and Allen	1973	201746
Abrahamson and Allen	1973	201746
Abrahamson and Allen	1973	201746
Abrahamson and Allen	1973	201746

pigmentation
acne
acne
hair loss
hair loss
rashes
rashes
nail deformities
nail deformities
skin thickening
skin thickening
neurotransmitter levels (dopamine (DA), norepinephrine (NE), epinephrine (E), and serotonin (5-HT))
neurotransmitter levels (dopamine (DA), norepinephrine (NE), epinephrine (E), and serotonin (5-HT))
skin pigmentation
skin pigmentation
alopecia
alopecia
nail deformities
nail deformities
hyperkeratinization of the eyelid
hyperkeratinization of the eyelid
concentrations of dopamine in the caudate nucleus, putamen and substantia nigra
concentrations of dopamine in the caudate nucleus, putamen and substantia nigra
body weight of pups
T4 in pups
food consumption
heart weight
dermal histopathology
keratin cysts on the upper eyelids
growth rate in early life
adrenal weight
thyroid weight
food consumption
GI histopathology
bone marrow histopathology
hematocrit and hemoglobin
cholesterol
liver enzymes, (aniline hydroxylase, nitroreductase, N-demethylase, glucose-6-phosphatase, and p-nitrophenyl acetate h
liver histopathology
liver lipids
liver weight
serum glutamic oxalacetic transaminase, serum glutamic pyruvic transaminase
thymus histopathology
thymus and spleen wt
total white cell count
pancreas weight
brain weight

Abnormal Pigmentation	Dermal
Acne/Chloracne	Dermal
Acne/Chloracne	Dermal
Alopecia	Dermal
Alopecia	Dermal
Dermal Irritation	Dermal
Dermal Irritation	Dermal
Finger/Toenail Deformity	Dermal
Finger/Toenail Deformity	Dermal
Hyperkeratosis	Dermal
Hyperkeratosis	Dermal
Neurotransmitter levels	Nervous System
Neurotransmitter levels	Nervous System
Abnormal Pigmentation	Dermal
Abnormal Pigmentation	Dermal
Alopecia	Dermal
Alopecia	Dermal
Finger/Toenail Deformity	Dermal
Finger/Toenail Deformity	Dermal
Hyperkeratosis	Dermal
Hyperkeratosis	Dermal
Neurotransmitter levels	Nervous System
Neurotransmitter levels	Nervous System
Weight and Size (Early Life)	Developmental
HPT Hormones	Endocrine
Digestive System Complaints/Diseases	Gastrointestinal
Heart Size/Weight	Cardiovascular
Dermal Histopathology	Dermal
Hyperkeratosis	Dermal
Weight and Size (Early Life)	Developmental
Adrenal Weight	Endocrine
Thyroid Size/Weight	Endocrine
Digestive System Complaints/Diseases	Gastrointestinal
Gastrointestinal Histopathology	Gastrointestinal
Bone Marrow Histopathology	Hematopoietic
Red Blood Cells/Hemoglobin	Hematopoietic
Cholesterol	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Liver Histopathology	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Serum Biomarkers of Liver Health & Function	Hepatobiliary
Immune Organ Histopathology	Immune System
Immune Organ Size/Weight	Immune System
White Blood Cell (WBC) Counts	Immune System
Pancreas Weight	Metabolic
Brain Weight & Histopathology	Nervous System

Aroclor 1260
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Aroclor 1248

Pigtail monkey	Oral-cookie	Primary
Pigtail monkey	Oral-cookie	Primary
Pigtail monkey	Oral-cookie	Primary
Pigtail monkey	Oral-cookie	Primary
Pigtail monkey	Oral-cookie	Primary
Pigtail monkey	Oral-cookie	Primary
Pigtail monkey	Oral-cookie	Primary
Pigtail monkey	Oral-cookie	Primary
Pigtail monkey	Oral-cookie	Primary
Pigtail monkey	Oral-cookie	Primary
Pigtail monkey	Oral-cookie	Primary
Pigtail monkey	Oral-cookie	Primary
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Pigtail monkey	Oral-cookie	Primary
Pigtail monkey	Oral-cookie	Primary
Pigtail monkey	Oral-cookie	Primary
Pigtail monkey	Oral-cookie	Primary
Pigtail monkey	Oral-cookie	Primary
Pigtail monkey	Oral-cookie	Primary
Pigtail monkey	Oral-cookie	Primary
Pigtail monkey	Oral-cookie	Primary
Pigtail monkey	Oral-cookie	Primary
Pigtail monkey	Oral-cookie	Primary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Primary
Rhesus monkey	Oral-gavage	Primary, pre-weaning
Rhesus monkey	Oral-gavage	Primary, pre-weaning
Rhesus monkey	Oral-gavage	Primary, pre-weaning
Rhesus monkey	Oral-gavage	Primary, pre-weaning
Rhesus monkey	Oral-gavage	Primary, pre-weaning
Rhesus monkey	Oral-gavage	Primary, pre-weaning
Rhesus monkey	Oral-gavage	Primary, pre-weaning
Rhesus monkey	Oral-gavage	Primary, pre-weaning
Rhesus monkey	Oral-gavage	Primary, pre-weaning
Rhesus monkey	Oral-gavage	Primary, pre-weaning
Rhesus monkey	Oral-gavage	Primary, pre-weaning
Rhesus monkey	Oral-gavage	Primary, pre-weaning
Rhesus monkey	Oral-gavage	Primary, pre-weaning
Rhesus monkey	Oral-gavage	Primary, pre-weaning
Rhesus monkey	Oral-gavage	Primary, pre-weaning
Rhesus monkey	Oral-gavage	Primary, pre-weaning
Rhesus monkey	Oral-gavage	Primary, pre-weaning
Rhesus monkey	Oral-gavage	Primary, pre-weaning
Rhesus monkey	Oral-gavage	Primary, pre-weaning
Rhesus monkey	Oral-gavage	Primary, pre-weaning
Rhesus monkey	Oral-gavage	Primary, pre-weaning

1825	140
1825	140
1460	140
1460	140

no	10

6	32	N/A	N/A	10

198	228
198	228
198	228
198	228
198	228
198	228
198	228
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198	228
198	228
198	228
198	228
198	228

		0	0.8	3.2
		0	0.8	3.2
		0	0.8	3.2
		0	0.8	3.2
32	2	0	1	8
228	4	0	35	35
228	4	0	35	35
228	4	0	35	35
228	4	0	35	35
228	4	0	35	35
228	4	0	35	35
228	4	0	35	35
228	4	0	35	35
228	4	0	35	35
228	4	0	35	35
228	4	0	35	35
228	4	0	35	35
228	4	0	35	35

			N/A
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			N/A
			N/A
			N/A
			N/A
			N/A
N/A	0.8		
N/A	0.8		
			N/A
			N/A
			N/A
			N/A
			N/A
			N/A
			N/A
			N/A
0.8	1.6		
0.8	1.6		
			N/A
N/A	1	N/A	
			N/A
			N/A
N/A		35	
N/A		35	
N/A		35	
N/A		35	
			N/A
N/A		35	
N/A		35	
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N/A		35	
			N/A
N/A		35	
			N/A
N/A		35	
N/A		35	
			N/A
			N/A
N/A		35	

Pigtailed macaques dosed for 20 wks with 0.8, 1.6, or 3.2 mg/kg/day of Aroclor 1016 or 1260 via cookie. Macaques were
Pigtailed macaques dosed for 20 wks with 0.8, 1.6, or 3.2 mg/kg/day of Aroclor 1016 or 1260 via cookie. Macaques were
Pigtailed macaques dosed for 20 wks with 0.8, 1.6, or 3.2 mg/kg/day of Aroclor 1016 or 1260 via cookie. Macaques were
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Pigtailed macaques dosed for 20 wks with 0.8, 1.6, or 3.2 mg/kg/day of Aroclor 1016 or 1260 via cookie. Macaques were
Pigtailed macaques dosed for 20 wks with 0.8, 1.6, or 3.2 mg/kg/day of Aroclor 1016 or 1260 via cookie. Macaques were
Pigtailed macaques dosed for 20 wks with 0.8, 1.6, or 3.2 mg/kg/day of Aroclor 1016 or 1260 via cookie. Macaques were
Pigtailed macaques dosed for 20 wks with 0.8, 1.6, or 3.2 mg/kg/day of Aroclor 1016 or 1260 via cookie. Macaques were
Pigtailed macaques dosed for 20 wks with 0.8, 1.6, or 3.2 mg/kg/day of Aroclor 1016 or 1260 via cookie. Dose dependen
Pigtailed macaques dosed for 20 wks with 0.8, 1.6, or 3.2 mg/kg/day of Aroclor 1016 or 1260 via cookie. Dose dependen
Adult male pigtail macaque monkeys (3-5 years of age) were dosed via with Aroclor 1016 on a slice of bread dosed for 20
Adult male pigtail macaque monkeys (3-5 years of age) were dosed via with Aroclor 1260 on a slice of bread dosed for 20
Adult male pigtail macaque monkeys (3-5 years of age) were dosed via with Aroclor 1016 on a slice of bread dosed for 20
Adult male pigtail macaque monkeys (3-5 years of age) were dosed via with Aroclor 1260 on a slice of bread dosed for 20
Adult male pigtail macaque monkeys (3-5 years of age) were dosed via with Aroclor 1016 on a slice of bread dosed for 20
Adult male pigtail macaque monkeys (3-5 years of age) were dosed via with Aroclor 1260 on a slice of bread dosed for 20
Adult male pigtail macaque monkeys (3-5 years of age) were dosed via with Aroclor 1016 on a slice of bread dosed for 20
Adult male pigtail macaque monkeys (3-5 years of age) were dosed via with Aroclor 1260 on a slice of bread dosed for 20
Adult male pigtail macaque monkeys (3-5 years of age) were dosed via with Aroclor 1016 on a slice of bread dosed for 20
Adult male pigtail macaque monkeys (3-5 years of age) were dosed via with Aroclor 1260 on a slice of bread dosed for 20
Dams dosed with 0, 1, 4, or 8 mg/kg from GD6 to PND21. No treatment effects on pup body weight (Fig. 2)
Dams dosed with 0, 1, 4, or 8 mg/kg from GD6 to PND21. Litter size NR; use default. Serum T4 levels significantly differen
Dams dosed with 0, 1, 4, or 8 mg/kg from GD6 to PND21. Litter size NR; use default. Treatment did not affect food consu
Rhesus monkey infants were separated from their mothers at 1 mo of age, and fed formula and were intubated (gavagec
Rhesus monkey infants were separated from their mothers at 1 mo of age, and fed formula and were intubated (gavagec
Rhesus monkey infants were separated from their mothers at 1 mo of age, and fed formula and were intubated (gavagec
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Rhesus monkey infants were separated from their mothers at 1 mo of age, and fed formula and were intubated (gavagec
Rhesus monkey infants were separated from their mothers at 1 mo of age, and fed formula and were intubated (gavagec
Rhesus monkey infants were separated from their mothers at 1 mo of age, and fed formula and were intubated (gavagec

168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
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168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
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168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE

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Abrahamson and Allen	1973	201746
Abrahamson and Allen	1973	201746
Abrahamson and Allen	1973	201746
Allen and Abrahamson	1973	201750
Allen and Abrahamson	1973	201750
Allen and Abrahamson	1973	201750
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Allen and Abrahamson	1973	201750
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Allen and Abrahamson	1973	201750
Allen and Abrahamson	1973	201750
Allen and Abrahamson	1973	201750
Allen and Abrahamson	1973	201750
Allen and Abrahamson	1973	201750
Allen and Abrahamson	1973	201750

lung weight
kidney weight
blood urea nitrogen
heart weight
heart weight
heart weight
levels of hemoglobin and hematocrit
levels of hemoglobin and hematocrit
levels of hemoglobin and hematocrit
cholesterol
cholesterol
cholesterol
microsomal enzymes (aromatic hydroxylase, nitroreductase, N-demethylase, nitrophenylacetate hydroxytase)
microsomal enzymes (aromatic hydroxylase, nitroreductase, N-demethylase, nitrophenylacetate hydroxytase)
microsomal enzymes (aromatic hydroxylase, nitroreductase, N-demethylase, nitrophenylacetate hydroxytase)
histology, liver
histology, liver
histology, liver
fat droplets in hepatocytes, liver phospholipids
fat droplets in hepatocytes, liver phospholipids
fat droplets in hepatocytes, liver phospholipids
hepatic weight
hepatic weight
hepatic weight
spleen and thymus weights
spleen and thymus weights
spleen and thymus weights
total white cell count
total white cell count
total white cell count
amount of body fat
amount of body fat
amount of body fat
brain weight
brain weight
brain weight
testis weight
testis weight
testis weight
lung weight
lung weight
lung weight
kidney organ weight
kidney organ weight
kidney organ weight
blood urea nitrogen
blood urea nitrogen

Lung Weight	Respiratory
Kidney Weight	Urinary System
Serum Biomarkers of Renal Function	Urinary System
Heart Size/Weight	Cardiovascular
Heart Size/Weight	Cardiovascular
Heart Size/Weight	Cardiovascular
Red Blood Cells/Hemoglobin	Hematopoietic
Red Blood Cells/Hemoglobin	Hematopoietic
Red Blood Cells/Hemoglobin	Hematopoietic
Cholesterol	Hepatobiliary
Cholesterol	Hepatobiliary
Cholesterol	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Liver Histopathology	Hepatobiliary
Liver Histopathology	Hepatobiliary
Liver Histopathology	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Immune Organ Size/Weight	Immune System
Immune Organ Size/Weight	Immune System
Immune Organ Size/Weight	Immune System
White Blood Cell (WBC) Counts	Immune System
White Blood Cell (WBC) Counts	Immune System
White Blood Cell (WBC) Counts	Immune System
Adipose Tissue Size/Weight	Metabolic
Adipose Tissue Size/Weight	Metabolic
Adipose Tissue Size/Weight	Metabolic
Brain Weight & Histopathology	Nervous System
Brain Weight & Histopathology	Nervous System
Brain Weight & Histopathology	Nervous System
Reproductive Organ Size/Weight (M)	Reproductive
Reproductive Organ Size/Weight (M)	Reproductive
Reproductive Organ Size/Weight (M)	Reproductive
Lung Weight	Respiratory
Lung Weight	Respiratory
Lung Weight	Respiratory
Kidney Weight	Urinary System
Kidney Weight	Urinary System
Kidney Weight	Urinary System
Serum Biomarkers of Renal Function	Urinary System
Serum Biomarkers of Renal Function	Urinary System

Aroclor 1248
Aroclor 1248
Aroclor 1248
Aroclor 1248
Aroclor 1254
Aroclor 1262
Aroclor 1248
Aroclor 1254
Aroclor 1262
Aroclor 1248
Aroclor 1254
Aroclor 1262
Aroclor 1248
Aroclor 1254
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Aroclor 1254
Aroclor 1262
Aroclor 1248
Aroclor 1254

Rhesus monkey	Oral-gavage	Primary, pre-weaning
Rhesus monkey	Oral-gavage	Primary, pre-weaning
Rhesus monkey	Oral-gavage	Primary, pre-weaning
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary

NR (100 g male; assume 40 d)	28
NR (100 g male; assume 40 d)	28
NR (100 g male; assume 40 d)	28
NR (100 g male; assume 40 d)	14
NR (100 g male; assume 40 d)	14
NR (100 g male; assume 40 d)	14
NR (100 g male; assume 40 d)	14
NR (100 g male; assume 40 d)	14
NR (100 g male; assume 40 d)	14
NR (100 g male; assume 40 d)	1
NR (100 g male; assume 40 d)	1
NR (100 g male; assume 40 d)	1
NR (100 g male; assume 40 d)	14
NR (100 g male; assume 40 d)	14
NR (100 g male; assume 40 d)	14
NR (100 g male; assume 40 d)	42
NR (100 g male; assume 40 d)	42
NR (100 g male; assume 40 d)	42
NR (100 g male; assume 40 d)	42
NR (100 g male; assume 40 d)	42
NR (100 g male; assume 40 d)	42
NR (100 g male; assume 40 d)	42

1	1000	1000
1	1000	1000
1	1000	1000
1	1000	1000
1	1000	1000
1	1000	1000
1	1000	1000
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			N/A
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			N/A
			N/A

Rhesus monkey infants were separated from their mothers at 1 mo of age, and fed formula and were intubated (gavagec
Rhesus monkey infants were separated from their mothers at 1 mo of age, and fed formula and were intubated (gavagec
Rhesus monkey infants were separated from their mothers at 1 mo of age, and fed formula and were intubated (gavagec
Male rats were fed ad libitum diet containing 0.1% of either A1248, A1254, or A1262. No significant effect on heart weigh
Male rats were fed ad libitum diet containing 0.1% of either A1248, A1254, or A1262. No significant effect on heart weigh
Male rats were fed ad libitum diet containing 0.1% of either A1248, A1254, or A1262. No significant effect on heart weigh
Male rats were fed ad libitum diet containing 0.1% of either A1248, A1254, or A1262. "a gradual increase in levels of hem
Male rats were fed ad libitum diet containing 0.1% of either A1248, A1254, or A1262. "a gradual increase in levels of hem
Male rats were fed ad libitum diet containing 0.1% of either A1248, A1254, or A1262. "a gradual increase in levels of hem
Male rats were fed ad libitum diet containing 0.1% of either A1248, A1254, or A1262. "there is a decided decrease in chc
Male rats were fed ad libitum diet containing 0.1% of either A1248, A1254, or A1262. "there is a decided decrease in chc
Male rats were fed ad libitum diet containing 0.1% of either A1248, A1254, or A1262. "there is a decided decrease in chc
Male rats were fed ad libitum diet containing 0.1% of either A1248, A1254, or A1262. "Aromatic hydroxylase, glucose 6-p
Male rats were fed ad libitum diet containing 0.1% of either A1248, A1254, or A1262. "Aromatic hydroxylase, glucose 6-p
Male rats were fed ad libitum diet containing 0.1% of either A1248, A1254, or A1262. "Aromatic hydroxylase, glucose 6-p
Male rats were fed ad libitum diet containing 0.1% of either A1248, A1254, or A1262. "The increase in liver size is obviou
Male rats were fed ad libitum diet containing 0.1% of either A1248, A1254, or A1262. "The increase in liver size is obviou
Male rats were fed ad libitum diet containing 0.1% of either A1248, A1254, or A1262. "The increase in liver size is obviou
Male rats were fed ad libitum diet containing 0.1% of either A1248, A1254, or A1262. "Within two to three weeks, small
Male rats were fed ad libitum diet containing 0.1% of either A1248, A1254, or A1262. "Within two to three weeks, small
Male rats were fed ad libitum diet containing 0.1% of either A1248, A1254, or A1262. "Within two to three weeks, small
Male rats were fed ad libitum diet containing 0.1% of either A1248, A1254, or A1262. Increased liver weight after 6 week
Male rats were fed ad libitum diet containing 0.1% of either A1248, A1254, or A1262. Increased liver weight after 6 week
Male rats were fed ad libitum diet containing 0.1% of either A1248, A1254, or A1262. Increased liver weight after 6 week
Male rats were fed ad libitum diet containing 0.1% of either A1248, A1254, or A1262. No apparent effect on spleen or th
Male rats were fed ad libitum diet containing 0.1% of either A1248, A1254, or A1262. No apparent effect on spleen or th
Male rats were fed ad libitum diet containing 0.1% of either A1248, A1254, or A1262. No apparent effect on spleen or th
Male rats were fed ad libitum diet containing 0.1% of either A1248, A1254, or A1262. "No major changes are found in the
Male rats were fed ad libitum diet containing 0.1% of either A1248, A1254, or A1262. "No major changes are found in the
Male rats were fed ad libitum diet containing 0.1% of either A1248, A1254, or A1262. "No major changes are found in the
Male rats were fed ad libitum diet containing 0.1% of either A1248, A1254, or A1262. p268; "The organs from the experir
Male rats were fed ad libitum diet containing 0.1% of either A1248, A1254, or A1262. p268; "The organs from the experir
Male rats were fed ad libitum diet containing 0.1% of either A1248, A1254, or A1262. p268; "The organs from the experir
Male rats were fed ad libitum diet containing 0.1% of either A1248, A1254, or A1262. No evidence of an effect on brain w
Male rats were fed ad libitum diet containing 0.1% of either A1248, A1254, or A1262. No evidence of an effect on brain w
Male rats were fed ad libitum diet containing 0.1% of either A1248, A1254, or A1262. No evidence of an effect on brain w
Male rats were fed 0, 0.1% in diet. Not clear whether stats were performed on the organ weight data; relative testis wei
Male rats were fed 0, 0.1% in diet. Not clear whether stats were performed on the organ weight data; relative testis wei
Male rats were fed 0, 0.1% in diet. Not clear whether stats were performed on the organ weight data; relative testis wei
Male rats were fed ad libitum diet containing 0.1% of either A1248, A1254, or A1262. No clear change in lung weight (Tal
Male rats were fed ad libitum diet containing 0.1% of either A1248, A1254, or A1262. No clear change in lung weight (Tal
Male rats were fed ad libitum diet containing 0.1% of either A1248, A1254, or A1262. No clear change in lung weight (Tal
Male rats were fed ad libitum diet containing 0.1% of either A1248, A1254, or A1262. No clear change in kidney weight (T
Male rats were fed ad libitum diet containing 0.1% of either A1248, A1254, or A1262. No clear change in kidney weight (T
Male rats were fed ad libitum diet containing 0.1% of either A1248, A1254, or A1262. No clear change in kidney weight (T
Male rats were fed ad libitum diet containing 0.1% of either A1248, A1254, or A1262. "The levels of blood urea nitrogen
Male rats were fed ad libitum diet containing 0.1% of either A1248, A1254, or A1262. "The levels of blood urea nitrogen

168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
22	0.9	0.094	0.154	10	21

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Allen and Abrahamson	1973	201750
Allen et al.	1973	201751
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Allen et al.	1974	201754

blood urea nitrogen
pericardial edema
acne
alopecia
dermal histopathology
subcutaneous edema
GI histopathology
bone marrow histopathology
hemoglobin and hematocrit
cholesterol
liver enzymes (aniline hydroxylase, nitroreductase, N-demethylase, glucose-6-phosphatase, and p-nitrophenyl acetate hy
liver histopathology
liver lipids
liver weight
serum glutamic oxalacetic transaminase, serum glutamic pyruvic transaminase
total white cell count, number of lymphocytes, neutrophils
ocular discharge
ocular edema
pleural effusion
blood urea nitrogen
hyperpigmentation
acne
alopecia (P0)
alopecia (F1)
hyperkeratinization, scaly skin
offspring mortality
body weight
anorexia
GI histopathology
histopath of bone marrow
thymus, spleen, lymph node histopathology
spleen size
ocular edema (P0)
ocular edema (F1)
menstrual cycle
ability to conceive
progesterone levels
acne
alopecia
dermal histopathology
dermal irritation
hair follicles filled with keratin
subcutaneous edema
offspring mortality
body weight and growth
gastric ulceration
gastric/intestinal histopathology

Serum Biomarkers of Renal Function	Urinary System
Cardiovascular Histopathology	Cardiovascular
Acne/Chloracne	Dermal
Alopecia	Dermal
Dermal Histopathology	Dermal
Subcutaneous Edema	Dermal
Gastrointestinal Histopathology	Gastrointestinal
Bone Marrow Histopathology	Hematopoietic
Red Blood Cells/Hemoglobin	Hematopoietic
Cholesterol	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Liver Histopathology	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Serum Biomarkers of Liver Health & Function	Hepatobiliary
White Blood Cell (WBC) Counts	Immune System
Ocular Discharge	Ocular
Periorbital Edema	Ocular
Pleural Effusion	Respiratory
Serum Biomarkers of Renal Function	Urinary System
Abnormal Pigmentation	Dermal
Acne/Chloracne	Dermal
Alopecia	Dermal
Alopecia	Dermal
Hyperkeratosis	Dermal
Offspring Mortality	Developmental
Weight and Size (Early Life)	Developmental
Digestive System Complaints/Diseases	Gastrointestinal
Gastrointestinal Histopathology	Gastrointestinal
Bone Marrow Histopathology	Hematopoietic
Immune Organ Histopathology	Immune System
Immune Organ Size/Weight	Immune System
Periorbital Edema	Ocular
Periorbital Edema	Ocular
Estrous/Menstrual Cycle	Reproductive
Pregnancy/conception rate	Reproductive
Sex Hormone Levels (F)	Reproductive
Acne/Chloracne	Dermal
Alopecia	Dermal
Dermal Histopathology	Dermal
Dermal Irritation	Dermal
Hyperkeratosis	Dermal
Subcutaneous Edema	Dermal
Offspring Mortality	Developmental
Weight and Size (Early Life)	Developmental
Gastric Ulcer	Gastrointestinal
Gastrointestinal Histopathology	Gastrointestinal

Aroclor 1262
Aroclor 1248
Aroclor 1248
Aroclor 1248

Rat	Oral-diet	Primary
Rhesus monkey	Oral-diet	Primary
Rhesus monkey	Oral-diet	Primary
Rhesus monkey	Oral-diet	Primary
Rhesus monkey	Oral-diet	Primary
Rhesus monkey	Oral-diet	Primary
Rhesus monkey	Oral-diet	Primary
Rhesus monkey	Oral-diet	Primary
Rhesus monkey	Oral-diet	Primary
Rhesus monkey	Oral-diet	Primary
Rhesus monkey	Oral-diet	Primary
Rhesus monkey	Oral-diet	Primary
Rhesus monkey	Oral-diet	Primary
Rhesus monkey	Oral-diet	Primary
Rhesus monkey	Oral-diet	Primary
Rhesus monkey	Oral-diet	Primary
Rhesus monkey	Oral-diet	Primary
Rhesus monkey	Oral-diet	Primary
Rhesus monkey	Oral-diet	Primary
Rhesus monkey	Oral-diet	Primary
Rhesus monkey	Oral-diet	Primary
Rhesus monkey	Oral-diet	Secondary
Rhesus monkey	Oral-diet	Secondary
Rhesus monkey	Oral-diet	Primary
Rhesus monkey	Oral-diet	Secondary
Rhesus monkey	Oral-diet	Secondary
Rhesus monkey	Oral-diet	Secondary
Rhesus monkey	Oral-diet	Secondary
Rhesus monkey	Oral-diet	Secondary
Rhesus monkey	Oral-diet	Secondary
Rhesus monkey	Oral-diet	Secondary
Rhesus monkey	Oral-diet	Secondary
Rhesus monkey	Oral-diet	Secondary
Rhesus monkey	Oral-diet	Primary
Rhesus monkey	Oral-diet	Secondary
Rhesus monkey	Oral-diet	Primary
Rhesus monkey	Oral-diet	Primary
Rhesus monkey	Oral-diet	Primary
Rhesus monkey	Oral-diet	Primary
Rhesus monkey	Oral-diet	Primary
Rhesus monkey	Oral-diet	Primary
Rhesus monkey	Oral-diet	Primary
Rhesus monkey	Oral-diet	Primary
Rhesus monkey	Oral-diet	Primary
Rhesus monkey	Oral-diet	Secondary
Rhesus monkey	Oral-diet	Secondary
Rhesus monkey	Oral-diet	Primary
Rhesus monkey	Oral-diet	Primary

	639	84	
	639	84	
	639	30	
	639	84	
	639	84	
	639	84	
	639	84	
	639	84	
	639	84	
	639	42	
	639	42	
	639	42	
	639	84	
	639	84	
	639	84	
	639	30	
	639	30	
	639	84	
	639	84	
			no 1
			no 1
NR (5.6 kg adult female)		441.76	
			no 1
			no 1
			no 1
			no 1
			no 1
			no 1
			no 1
			no 1
			no 1
NR (5.6 kg adult female)		441.76	
			no 1
	3102.5	42	
	3102.5	42	
	3102.5	61	
	3102.5	61	
	3102.5	61	
	3102.5	61	
			no 1
	3102.5	61	
	3102.5	61	

-685.083	-243.333	N/A	N/A	121.667
-685.083	-243.333	N/A	N/A	121.667
-685.083	-243.333	N/A	N/A	121.667
-685.083	-243.333	N/A	N/A	121.667
-685.083	-243.333	N/A	N/A	121.667
-685.083	-243.333	N/A	N/A	0
-685.083	-243.333	N/A	N/A	121.667
-685.083	-243.333	N/A	N/A	121.667
-685.083	-243.333	N/A	N/A	121.667
-685.083	-243.333	N/A	N/A	121.667
-685.083	-243.333	N/A	N/A	121.667
-685.083	-243.333	N/A	N/A	121.667
-152.1	-90.26	N/A	N/A	0

		1	300	300
		1	300	300
		1	300	300
		1	300	300
		1	300	300
		1	300	300
		1	300	300
		1	300	300
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		1	300	300
		1	300	300
		1	300	300
		1	300	300
		1	300	300
		1	300	300
		1	300	300
289.667	2	1	2.5	5
289.667	2	1	2.5	5
		1	2.5	5
289.667	2	1	2.5	5
289.667	2	1	2.5	5
289.667	2	1	2.5	5
168	3	1	2.5	5
289.667	2	1	2.5	5
289.667	2	1	2.5	5
289.667	2	1	2.5	5
289.667	2	1	2.5	5
289.667	2	1	2.5	5
		1	2.5	5
289.667	2	1	2.5	5
		0	0.78125	1.339
		0	0.78125	1.339
		0	1.339	1.339
		0	0.78125	1.339
		0	1.339	1.339
		0	1.339	1.339
168	3	0	0.78125	0.78125
		0	1.339	1.339
		0	1.339	1.339

			N/A
N/A	300		
N/A	300		
N/A	300		
N/A	300		
N/A	300		
N/A	300		
N/A	300		
N/A	300		
300 N/A			N/A
N/A	300		
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N/A	300		
N/A	300		
N/A	300		
N/A	300		
N/A	300		
N/A	300		
N/A	300		
300 N/A			N/A
N/A	2.5	N/A	
N/A	2.5	N/A	
N/A	2.5		
N/A	2.5	N/A	
N/A	2.5	N/A	
N/A	2.5	N/A	
2.5	5	N/A	
N/A	2.5	N/A	
N/A	2.5	N/A	
N/A	2.5	N/A	
N/A	2.5	N/A	
N/A	2.5	N/A	
N/A	2.5		
N/A	2.5	N/A	
			N/A
			N/A
			N/A
N/A	0.78125		
N/A	0.78125		
N/A	1.339		
N/A	0.78125		
N/A	1.339		
N/A	1.339		
			N/A
N/A	0.78125	N/A	
N/A	1.339		
N/A	1.339		

Male rats were fed ad libitum diet containing 0.1% of either A1248, A1254, or A1262. "The levels of blood urea nitrogen
Dose = 300 ppm in diet. Age of animals reported as 1.5-2 y (average 1.75 y, 639 d). 12 wk exposure duration (84 d). "Peri
Dose = 300 ppm in diet. Age of animals reported as 1.5-2 y (average 1.75 y, 639 d). 12 wk exposure duration (84 d). "Botl
Dose = 300 ppm in diet. Age of animals reported as 1.5-2 y (average 1.75 y, 639 d). 1 mo exposure duration (30 d). "With
Dose = 300 ppm in diet. Age of animals reported as 1.5-2 y (average 1.75 y, 639 d). 12 wk exposure duration (84 d). "Ligh
Dose = 300 ppm in diet. Age of animals reported as 1.5-2 y (average 1.75 y, 639 d). 12 wk exposure duration (84 d). "The
Dose = 300 ppm in diet. Age of animals reported as 1.5-2 y (average 1.75 y, 639 d). 12 wk exposure duration (84 d). "The
Dose = 300 ppm in diet. Age of animals reported as 1.5-2 y (average 1.75 y, 639 d). 12 wk exposure duration (84 d). "A m
Dose = 300 ppm in diet. Age of animals reported as 1.5-2 y (average 1.75 y, 639 d). 12 wk exposure duration (84 d). "Ove
Dose = 300 ppm in diet. Age of animals reported as 1.5-2 y (average 1.75 y, 639 d). 12 wk exposure duration (84 d). "Leve
Dose = 300 ppm in diet. Age of animals reported as 1.5-2 y (average 1.75 y, 639 d). 6 wk exposure duration (42 d). "A dec
Dose = 300 ppm in diet. Age of animals reported as 1.5-2 y (average 1.75 y, 639 d). 6 wk exposure duration (42 d). "The li
Dose = 300 ppm in diet. Age of animals reported as 1.5-2 y (average 1.75 y, 639 d). 6 wk exposure duration (42 d). "The li
Dose = 300 ppm in diet. Age of animals reported as 1.5-2 y (average 1.75 y, 639 d). 12 wk exposure duration (84 d). "Hyp
Dose = 300 ppm in diet. Age of animals reported as 1.5-2 y (average 1.75 y, 639 d). 12 wk exposure duration (84 d). SGOT
Dose = 300 ppm in diet. Age of animals reported as 1.5-2 y (average 1.75 y, 639 d). 12 wk exposure duration (84 d). "No r
Dose = 300 ppm in diet. Age of animals reported as 1.5-2 y (average 1.75 y, 639 d). 1 mo exposure duration (30 d). "With
Dose = 300 ppm in diet. Age of animals reported as 1.5-2 y (average 1.75 y, 639 d). 1 mo exposure duration (30 d). "With
Dose = 300 ppm in diet. Age of animals reported as 1.5-2 y (average 1.75 y, 639 d). 12 wk exposure duration (84 d). "Pleu
Dose = 300 ppm in diet. Age of animals reported as 1.5-2 y (average 1.75 y, 639 d). 12 wk exposure duration (84 d).
Rhesus monkeys were dosed with 2.5 or 5.0 ppm Aroclor 1248 for 6 months prior to the first breeding round (reported ir
Rhesus monkeys were dosed with 2.5 or 5.0 ppm Aroclor 1248 for 6 months prior to the first breeding round (reported ir
Rhesus monkeys were dosed with 2.5 or 5.0 ppm Aroclor 1248 for 6 months prior to the first breeding round (reported ir
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Rhesus monkeys were dosed with 2.5 or 5.0 ppm Aroclor 1248 for 6 months prior to the first breeding round (reported ir
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Rhesus monkeys were dosed with 2.5 or 5.0 ppm Aroclor 1248 for 6 months prior to the first breeding round (reported ir
Rhesus monkeys were dosed with 2.5 or 5.0 ppm Aroclor 1248 for 6 months prior to the first breeding round (reported ir
This study reported on a second breeding trial conducted (first was reported in another study) where menstrual cycle, fe
This study reported on a second breeding trial conducted (first was reported in another study) where menstrual cycle, fe
This study reported on a second breeding trial conducted (first was reported in another study) where menstrual cycle, fe
Rhesus monkeys aged 7-10 years received 25 ppm in diet for 2 months, then placed on a commercial diet. During the 2 m
Rhesus monkeys aged 7-10 years received 25 ppm in diet for 2 months, then placed on a commercial diet. During the 2 m
Rhesus monkeys aged 7-10 years received 25 ppm in diet for 2 months, then placed on a commercial diet. During the 2 m
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Rhesus monkeys aged 7-10 years received 25 ppm in diet for 2 months, then placed on a commercial diet. During the 2 m
Rhesus monkeys aged 7-10 years received 25 ppm in diet for 2 months, then placed on a commercial diet. During the 2 m
Female rhesus monkeys age 7-10 years given diet with 25 ppm A1248 for 2 months. Breeding attempted 3 months after
Female rhesus monkeys age 7-10 years given diet with 25 ppm A1248 for 2 months. Breeding attempted 3 months after
Rhesus monkeys aged 7-10 years received 25 ppm in diet for 2 months, then placed on a commercial diet. During the 2 m
Rhesus monkeys aged 7-10 years received 25 ppm in diet for 2 months, then placed on a commercial diet. During the 2 m

22	0.9	0.094	0.154	10	21 COMPLETE
168	0.9	0.199	0.054	1	154

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Allen et al.	1974	201754
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Aulerich et al.	1985	201773
Aulerich et al.	1985	201773
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Aulerich et al.	1985	201773
Aulerich et al.	1985	201773
Bäcklin and Bergman	1995	201777
Bäcklin and Bergman	1995	201777
Bäcklin and Bergman	1995	201777

bone marrow histopathology
hemoglobin and hematocrit
serum total lipid and triglycerides
cholesterol
aromatic hydroxylase, N-demethylase, nitroreductase, cytochrome P-450
liver histopathology
microsomal phospholipid
serum SGPT
WBC counts
ocular edema
menstrual cycle
fertility
blood urea nitrogen
anorexia
gastric ulcer
GI histopathology
hemoglobin and hematocrit
hepatic microsomal proliferation
microscopic examination of the liver
lipid droplets
liver weight
SGOT, SGPT
neutrophils, lymphocytes
lethargy
blood urea nitrogen
heart weight
alopecia
number of females whelped per number mated, number of kits whelped, litter size
body weight at birth
adrenal weight
anorexia, bloody stool, ascites
gastric ulcer
hepatic microsomal cytochrome P-450 concentration, activity of hepatic mixed function oxidases (aminopyrine N-demetl
liver weight as percent of brain weight
spleen wt
pancreatomegaly
brain weight
neurotransmitter levels in various brain regions
gestation length
number of females whelped per number mated, number of kits whelped, litter size
progesterone, estradiol
lung weight
kidney degeneration
kidney organ weight
presence of "PP" (i.e., postpartum) placental sites, "EFD" (i.e., early fetal death) or "LFD" (i.e., late fetal death)
presence of "PP" (i.e., postpartum) placental sites, "EFD" (i.e., early fetal death) or "LFD" (i.e., late fetal death)
placental histopathology

Bone Marrow Histopathology	Hematopoietic
Red Blood Cells/Hemoglobin	Hematopoietic
Blood Triglycerides	Hepatobiliary
Cholesterol	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Liver Histopathology	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Serum Biomarkers of Liver Health & Function	Hepatobiliary
White Blood Cell (WBC) Counts	Immune System
Periorbital Edema	Ocular
Estrous/Menstrual Cycle	Reproductive
Pregnancy/conception rate	Reproductive
Serum Biomarkers of Renal Function	Urinary System
Digestive System Complaints/Diseases	Gastrointestinal
Gastric Ulcer	Gastrointestinal
Gastrointestinal Histopathology	Gastrointestinal
Red Blood Cells/Hemoglobin	Hematopoietic
Liver Enzyme Induction	Hepatobiliary
Liver Histopathology	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Serum Biomarkers of Liver Health & Function	Hepatobiliary
White Blood Cell (WBC) Counts	Immune System
Neurological Symptoms	Nervous System
Serum Biomarkers of Renal Function	Urinary System
Heart Size/Weight	Cardiovascular
Alopecia	Dermal
Offspring Mortality	Developmental
Weight and Size (Early Life)	Developmental
Adrenal Weight	Endocrine
Digestive System Complaints/Diseases	Gastrointestinal
Gastric Ulcer	Gastrointestinal
Liver Enzyme Induction	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Immune Organ Size/Weight	Immune System
Pancreas Weight	Metabolic
Brain Weight & Histopathology	Nervous System
Neurotransmitter levels	Nervous System
Gestation Duration/Preterm Birth	Reproductive
Pregnancy/conception rate	Reproductive
Sex Hormone Levels (F)	Reproductive
Lung Weight	Respiratory
Kidney Histopathology	Urinary System
Kidney Weight	Urinary System
Offspring Mortality	Developmental
Offspring Mortality	Developmental
Placental Histopathology	Developmental

Aroclor 1248
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Rhesus monkey	Oral-diet	Primary
Rhesus monkey	Oral-diet	Primary
Rhesus monkey	Oral-diet	Primary
Rhesus monkey	Oral-diet	Primary
Rhesus monkey	Oral-diet	Primary
Rhesus monkey	Oral-diet	Primary
Rhesus monkey	Oral-diet	Primary
Rhesus monkey	Oral-diet	Primary
Rhesus monkey	Oral-diet	Primary
Rhesus monkey	Oral-diet	Primary
Rhesus monkey	Oral-diet	Primary
Rhesus monkey	Oral-diet	Primary
Rhesus monkey	Oral-diet	Primary
Rhesus monkey	Oral-diet	Primary
Rhesus monkey	Oral-gavage	Primary
Rhesus monkey	Oral-gavage	Primary
Rhesus monkey	Oral-gavage	Primary
Rhesus monkey	Oral-gavage	Primary
Rhesus monkey	Oral-gavage	Primary
Rhesus monkey	Oral-gavage	Primary
Rhesus monkey	Oral-gavage	Primary
Rhesus monkey	Oral-gavage	Primary
Rhesus monkey	Oral-gavage	Primary
Rhesus monkey	Oral-gavage	Primary
Rhesus monkey	Oral-gavage	Primary
Mink	Oral-diet	Primary
Mink	Oral-diet	Primary
Mink	Oral-diet	Secondary
Mink	Oral-diet	Secondary
Mink	Oral-diet	Primary
Mink	Oral-diet	Primary
Mink	Oral-diet	Primary
Mink	Oral-diet	Primary
Mink	Oral-diet	Primary
Mink	Oral-diet	Primary
Mink	Oral-diet	Primary
Mink	Oral-diet	Primary
Mink	Oral-diet	Primary
Mink	Oral-diet	Primary
Mink	Oral-diet	Primary
Mink	Oral-diet	Primary
Mink	Oral-diet	Primary
Mink	Oral-diet	Primary
Mink	Oral-diet	Secondary
Mink	Oral-diet	Secondary
Mink	Oral-diet	Secondary

	3102.5	61	
	3102.5	61	
	3102.5	61	
	3102.5	61	
	3102.5	61	
	3102.5	61	
	3102.5	42	
	3102.5	61	
	821.25	1	
	821.25	1	
	821.25	1	
	821.25	1	
	821.25	1	
	821.25	1	
	821.25	1	
	821.25	1	
	821.25	1	
	821.25	1	
	821.25	1	
			no 5
	300	88	
	300	88	
	300	88	
	300	29	
	300	88	
			no 5
			no 5
			no 5

-29	52 N/A	N/A	0
-28	52 N/A	N/A	0
-37	52 N/A	N/A	0
-28	52 N/A	N/A	0

		0	1.339	1.339
		0	1.339	1.339
		0	0.78125	1.339
		0	0.78125	1.339
		0	0.78125	1.339
		0	1.339	1.339
		0	0.78125	1.339
		0	0.78125	0.78125
		0	1500	3000
		0	1500	3000
		0	1500	3000
		0	1500	3000
		0	1500	3000
		0	1500	3000
		0	1500	3000
		0	1500	3000
		0	1500	3000
		0	1500	3000
		0	1500	3000
52	3	1	2.5	2.5
		1	2.5	2.5
		1	2.5	2.5
		1	2.5	2.5
		1	2.5	2.5
		1	2.5	2.5
52	3	0	1.64	1.64
52	3	0	2	2
52	3	0	1.64	1.64

N/A		1.339	
N/A		1.339	
	0.78125	1.339	
	0.78125	1.339	
N/A		0.78125	
N/A		1.339	
			N/A
			N/A
			N/A
N/A		0.78125	
			N/A
N/A		0.78125	
			N/A
N/A		1500	
N/A		1500	
N/A		1500	
N/A		1500	
	1500	3000	
N/A		1500	
N/A		1500	
N/A		1500	
N/A		1500	
N/A		1500	
N/A		1500	
			N/A
			N/A
			N/A
N/A		2.5	N/A
			N/A
			N/A
			N/A
			N/A
N/A		2.5	
N/A		2.5	
			N/A
			N/A
			N/A
N/A		2.5	
			N/A
N/A		2.5	
N/A		2.5	
			N/A
			N/A
			N/A
N/A		1.64	N/A
N/A		2	N/A
N/A		1.64	N/A

Rhesus monkeys aged 7-10 years received 25 ppm in diet for 2 months, then placed on a commercial diet. During the 2 m
Rhesus monkeys aged 7-10 years received 25 ppm in diet for 2 months, then placed on a commercial diet. During the 2 m
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Rhesus monkeys aged 7-10 years received 25 ppm in diet for 2 months, then placed on a commercial diet. During the 2 m
Rhesus monkeys aged 7-10 years received 25 ppm in diet for 2 months, then placed on a commercial diet. During the 2 m
Female rhesus monkeys age 7-10 years given diet with 25 ppm A1248 for 2 months. Breeding attempted 3 months after
Female rhesus monkeys age 7-10 years given diet with 25 ppm A1248 for 2 months. Breeding attempted 3 months after
Rhesus monkeys aged 7-10 years received 25 ppm in diet for 2 months, then placed on a commercial diet. During the 2 m
Male rhesus monkeys 2-2.5 years old given 1.5 or 3 g/kg single dose. "The animals that were allowed to survive for 14 da
Male rhesus monkeys 2-2.5 years old given 1.5 or 3 g/kg single dose. "segments of the hyperplastic gastric mucosa were
Male rhesus monkeys 2-2.5 years old given 1.5 or 3 g/kg single dose. "moderate hypertrophy and hyperplasia of the gast
Male rhesus monkeys 2-2.5 years old given 1.5 or 3 g/kg single dose. Table 1
Male rhesus monkeys 2-2.5 years old given 1.5 or 3 g/kg single dose. Table 3
Male rhesus monkeys 2-2.5 years old given 1.5 or 3 g/kg single dose. "proliferation of the smooth endoplasmic reticulum
Male rhesus monkeys 2-2.5 years old given 1.5 or 3 g/kg single dose. "developed moderate hepatic enlargement due pri
Male rhesus monkeys 2-2.5 years old given 1.5 or 3 g/kg single dose. "The livers of the animals from the two experiment
Male rhesus monkeys 2-2.5 years old given 1.5 or 3 g/kg single dose. Table 1
Male rhesus monkeys 2-2.5 years old given 1.5 or 3 g/kg single dose. Table 1
Male rhesus monkeys 2-2.5 years old given 1.5 or 3 g/kg single dose. "The animals that were allowed to survive for 14 da
Male rhesus monkeys 2-2.5 years old given 1.5 or 3 g/kg single dose. Table 1
Female mink (proven breeders) were fed 0 or 2.5 ppm Aroclor 1254 beginning on January 31, with mating beginning in M
Female mink (proven breeders) were fed 0 or 2.5 ppm Aroclor 1254 beginning on January 31, with mating beginning in M
Female mink (proven breeders) were fed 0 or 2.5 ppm Aroclor 1254 beginning on January 31, with mating beginning in M
Female mink (proven breeders) were fed 0 or 2.5 ppm Aroclor 1254 beginning on January 31, with mating beginning in M
Female mink (proven breeders) were fed 0 or 2.5 ppm Aroclor 1254 beginning on January 31, with mating beginning in M
Female mink (proven breeders) were fed 0 or 2.5 ppm Aroclor 1254 beginning on January 31, with mating beginning in M
Female mink (proven breeders) were fed 0 or 2.5 ppm Aroclor 1254 beginning on January 31, with mating beginning in M
Female mink (proven breeders) were fed 0 or 2.5 ppm Aroclor 1254 beginning on January 31, with mating beginning in M
Female mink (proven breeders) were fed 0 or 2.5 ppm Aroclor 1254 beginning on January 31, with mating beginning in M
Female mink (proven breeders) were fed 0 or 2.5 ppm Aroclor 1254 beginning on January 31, with mating beginning in M
Female mink (proven breeders) were fed 0 or 2.5 ppm Aroclor 1254 beginning on January 31, with mating beginning in M
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Female mink (proven breeders) were fed 0 or 2.5 ppm Aroclor 1254 beginning on January 31, with mating beginning in M
Female mink (proven breeders) were fed 0 or 2.5 ppm Aroclor 1254 beginning on January 31, with mating beginning in M
Female mink (proven breeders) were fed 0 or 2.5 ppm beginning on January 31, with mating beginning in March (recorde
Female mink (proven breeders) were fed 0 or 2.5 ppm from 1 month prior to breeding through parturition. Necropsy was
Female mink (proven breeders) were fed 0 or 2.5 ppm Aroclor 1254 beginning on January 31, with mating beginning in M
Female mink (proven breeders) were fed 0 or 2.5 ppm Aroclor 1254 beginning on January 31, with mating beginning in M
Female mink (proven breeders) were fed 0 or 2.5 ppm Aroclor 1254 beginning on January 31, with mating beginning in M
1 year old female minks were exposed to 1.64 mg of Aroclor 1254 a day from February 16th, 1989 through mating (matir
2 year old female minks were exposed to 2 mg of Clophen A50 a day from February 8th, 1988 through mating (mating sta
1 year old female minks were exposed to 1.64 mg of Aroclor 1254 a day from February 16th, 1989 through mating (matir

168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
52	0.9	0.312	0.066	5	56 COMPLETE
52	0.9	0.312	0.066	5	56 COMPLETE
52	0.9	0.312	0.066	5	56 COMPLETE
52	0.9	0.312	0.066	5	56 COMPLETE
52	0.9	0.312	0.066	5	56 COMPLETE
52	0.9	0.312	0.066	5	56 COMPLETE
52	0.9	0.312	0.066	5	56 COMPLETE
52	0.9	0.312	0.066	5	56 COMPLETE
52	0.9	0.312	0.066	5	56 COMPLETE
52	0.9	0.312	0.066	5	56 COMPLETE
52	0.9	0.312	0.066	5	56 COMPLETE
52	0.9	0.312	0.066	5	56 COMPLETE
52	0.9	0.312	0.066	5	56 COMPLETE
52	0.9	0.312	0.066	5	56 COMPLETE
52	0.9	0.312	0.066	5	56 COMPLETE
52	0.9	0.312	0.066	5	56 COMPLETE
52	0.9	0.312	0.066	5	56 COMPLETE
52	0.9	0.312	0.066	5	56 COMPLETE
52	0.9	0.312	0.066	5	56 COMPLETE
52	0.9	0.312	0.066	5	56 COMPLETE
52	0.9	0.312	0.066	5	56 COMPLETE
52	0.9	0.312	0.066	5	56 COMPLETE
52	0.9	0.312	0.066	5	56 COMPLETE

Chelsea
Chelsea
Chelsea

Bäcklin and Bergman	1995	201777
Bäcklin and Bergman	1995	201777
Bäcklin and Bergman	1995	201777
Bäcklin et al.	1997	201778
Bäcklin et al.	1997	201778
Bäcklin et al.	1997	201778
Bäcklin et al.	1997	201778
Bäcklin et al.	1997	201778
Bäcklin et al.	1997	201778
Bäcklin et al.	1997	201778
Bäcklin et al.	1997	201778
Bäcklin et al.	1997	201778
Bäcklin et al.	1997	201778
Bäcklin et al.	1997	201778
Bäcklin et al.	1998	201779
Bäcklin et al.	1998	201779
Bäcklin et al.	1998	201779
Bäcklin et al.	1998	201779
Baker et al.	1977	201783
Baker et al.	1977	201783
Baker et al.	1977	201783
Baker et al.	1977	201783
Baker et al.	1977	201783
Bell et al.	1983	201788
Bell et al.	1983	201788
Bell et al.	1983	201788
Bowman and Heironimus	1981	201796
Bowman and Heironimus	1981	201796
Bowman et al.	1978	201797
Bowman et al.	1978	201797
Brown et al.	1996	201803
Brown et al.	1996	201803
Brown et al.	1996	201803
Brown and Lamartiniere	1995	201807
Brown and Lamartiniere	1995	201807
Brown and Lamartiniere	1995	201807
Brown and Lamartiniere	1995	201807
Bruckner et al.	1977	201808
Bruckner et al.	1977	201808
Bruckner et al.	1977	201808
Bruckner et al.	1973	201809
Bruckner et al.	1973	201809
Bruckner et al.	1973	201809
Bruckner et al.	1973	201809
Bruckner et al.	1973	201809
Bruckner et al.	1973	201809
Bruckner et al.	1973	201809
Bruckner et al.	1973	201809

placental histopathology
presence of "PP" (i.e., postpartum) placental sites, frequency of "Other states" (i.e., animals with no signs of placentatior
presence of "PP" (i.e., postpartum) placental sites, frequency of "Other states" (i.e., animals with no signs of placentatior
number of viable fetuses
placental histopathology
fetal size
liver somatic index
number of ova per uterus, number of corpora lutea, developmental phases of corpora lutea
number of animals with placental sites; total number of placentation sites
uterine and ovarian histopathology
uterine and ovarian weights
progesterone and oestradiol-17β
mating behavior
number of placentation sites, number of animals containing only dead fetuses or degenerate placentae, number of place
placental histopathology
fetal weight, fetal C-R length
number of placentation sites, number of animals with implantations
pup weight
liver enzyme activity (mixed function oxidase (MFO)) (P0)
liver enzyme activity (mixed function oxidase (MFO)) (F1)
liver weight
fertility of male rats
dermal histopathology
erythema
thickened pinnae, hyperkeratinization
locomotor activity
locomotor activity
locomotor activity test
WGTA discrimination tests and general procedure spatial reversals, color reversals, shape discrimination reversals, partia
hepatic accumulation of polymorphonuclear neutrophils, necrosis
alanine aminotransferase activity in plasma, isocitrate dehydrogenase activity in the plasma
potentiation of LPS-induced lethality
mammary gland histopathology
mammary gland histopathology
uterine-ovarian weight, mammary gland size
uterine-ovarian weight, mammary gland size
hepatic microsomal pentobarbital hydroxylase, acetanilide hydroxylase, and aminopyrine N-demethylase
liver triglycerides
liver weight
heart histopathology
heart weight
dermal histopathology
adrenal histopathology
adrenal weight
loose stools, diarrhea, anorexia, food consumption
stomach and intestine histopathology
hematocrit, packed cell volume

Placental Histopathology	Developmental
Pregnancy/conception rate	Reproductive
Pregnancy/conception rate	Reproductive
Offspring Mortality	Developmental
Placental Histopathology	Developmental
Weight and Size (Early Life)	Developmental
Liver Weight/Hepatomegaly	Hepatobiliary
Ovulation	Reproductive
Pregnancy/conception rate	Reproductive
Reproductive Organ Histopathology (F)	Reproductive
Reproductive Organ Size/Weight (F)	Reproductive
Sex Hormone Levels (F)	Reproductive
Sexual Behavior (F)	Reproductive
Offspring Mortality	Developmental
Placental Histopathology	Developmental
Weight and Size (Early Life)	Developmental
Pregnancy/conception rate	Reproductive
Weight and Size (Early Life)	Developmental
Liver Enzyme Induction	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Male fertility	Reproductive
Dermal Histopathology	Dermal
Dermal Irritation	Dermal
Hyperkeratosis	Dermal
Emotional state/affective behavior	Nervous System
Motor Function/Development	Nervous System
Motor Function/Development	Nervous System
Cognitive function	Nervous System
Liver Histopathology	Hepatobiliary
Serum Biomarkers of Liver Health & Function	Hepatobiliary
Endotoxin Sensitivity	Immune System
Reproductive Organ Histopathology (F)	Reproductive
Reproductive Organ Histopathology (F)	Reproductive
Reproductive Organ Size/Weight (F)	Reproductive
Reproductive Organ Size/Weight (F)	Reproductive
Liver Enzyme Induction	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Cardiovascular Histopathology	Cardiovascular
Heart Size/Weight	Cardiovascular
Dermal Histopathology	Dermal
Adrenal Histopathology	Endocrine
Adrenal Weight	Endocrine
Digestive System Complaints/Diseases	Gastrointestinal
Gastrointestinal Histopathology	Gastrointestinal
Red Blood Cells/Hemoglobin	Hematopoietic

Clophen A50
Aroclor 1254
Clophen A50
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Clophen A50
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Aroclor 1248
Aroclor 1248
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Aroclor 1248
Aroclor 1221
Aroclor 1254
Aroclor 1221
Aroclor 1254
Aroclor 1254
Aroclor 1254
Aroclor 1254
Aroclor 1242
Aroclor 1242
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Aroclor 1242
Aroclor 1242
Aroclor 1242

Mink	Oral-diet	Secondary
Mink	Oral-diet	Primary
Mink	Oral-diet	Primary
Mink	Oral-diet	Secondary
Mink	Oral-diet	Secondary
Mink	Oral-diet	Secondary
Mink	Oral-diet	Primary
Mink	Oral-diet	Primary
Mink	Oral-diet	Primary
Mink	Oral-diet	Primary
Mink	Oral-diet	Primary
Mink	Oral-diet	Primary
Mink	Oral-diet	Primary
Mink	Oral-diet	Secondary
Mink	Oral-diet	Secondary
Mink	Oral-diet	Secondary
Mink	Oral-diet	Primary
Rat	Oral-drinking water	Secondary
Rat	Oral-drinking water	Primary
Rat	Oral-drinking water	Secondary
Rat	Oral-drinking water	
Rat	Oral-drinking water	Primary
Mouse	Oral-diet	Primary
Mouse	Oral-diet	Primary
Mouse	Oral-diet	Primary
Rhesus monkey	Oral-diet	Secondary
Rhesus monkey	Oral-diet	Secondary
Rhesus monkey	Oral-diet	Secondary
Rhesus monkey	Oral-diet	Secondary
Rat	Injection-ip	Primary
Rat	Injection-ip	Primary
Rat	Injection-ip	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary

		no	5
365	85		
730	94		
		no	5
		no	5
		no	5
730	46		
730	53		
730	31		
		no	5
		no	5
		no	5
730	38		
NR (344 g males; assume 90 d)	21		
		no	10

NR (344 g males; assume 90 d)	21		
NR (adult females)	56		
NR (adult females)	42		
NR (adult females)	56		
		no	1
		no	1
		no	1
		no	1
NR (175-220g) F	1		
NR (100g, male)	35		
NR (100g, male)	35		
NR (100g, male)	35		
NR (200-300 g)	1		
NR (200-300 g)	21		

-37	52	N/A	N/A	0
-31	26	N/A	N/A	0
-31	26	N/A	N/A	0
-31	26	N/A	N/A	0
-10	28	N/A	N/A	0
-10	28	N/A	N/A	0
-10	28	N/A	N/A	0
-7	32	N/A	N/A	10
-227	259	N/A	N/A	122
-227	259	N/A	N/A	122
-227	259	N/A	N/A	122
-227	259	N/A	N/A	122

52	3	0	2	2
		0	1.64	1.64
		0	2	2
26	3	0	1.73	1.73
26	3	0	1.73	1.73
26	3	0	1.73	1.73
		0	1.73	1.73
		0	1.73	1.73
		0	1.73	1.73
28	3	0	0.589	1.22
28	3	0	0.589	1.22
28	3	0	0.589	1.22
		0	0.589	1.22
		0	6.4	6.4
32	2	0	6.4	6.4

		1	200	200
		1	200	200
		1	200	200
1506	2	1	2.5	2.5
1506	2	1	2.5	2.5
502	2	1	2.5	2.5
381	2	1	2.5	2.5
		0	50	50
		1	1	25
		1	1	25
		1	1	25
		0	100	6000
		0	47.6	4000

N/A		2	N/A
N/A		1.64	
N/A		2	
N/A		1.73	N/A
N/A		1.73	N/A
N/A		1.73	N/A
			N/A
			N/A
			N/A
N/A		1.73	
			N/A
N/A		1.73	
N/A		1.73	
N/A		0.589	N/A
N/A		0.589	N/A
N/A		0.589	N/A
N/A		0.589	
			N/A
N/A		6.4	
N/A		6.4	N/A
			N/A
			N/A
N/A		200	
N/A		200	
N/A		200	
N/A		2.5	N/A
N/A		2.5	N/A
N/A		2.5	N/A
N/A		2.5	N/A
			N/A
			N/A
N/A		50	
			N/A
			N/A
			N/A
			N/A
N/A		1	
	5	25	
	5	25	
			N/A
			N/A
			N/A
			N/A
			N/A
	1000	2500	
			N/A
N/A		47.6	

2 year old female minks were exposed to 2 mg of Clophen A50 a day from February 8th, 1988 through mating (mating sta
1 year old female minks were exposed to 1.64 mg of Aroclor 1254 a day from February 16th, 1989 through mating (matir
2 year old female minks were exposed to 2 mg of Clophen A50 a day from February 8th, 1988 through mating (mating sta
Mated mink or mink that had ovulation induced by GnRH injection (2 years old) were dosed with 1.73 mg/kg-day in food
Mated mink or mink that had ovulation induced by GnRH injection (2 years old) were dosed with 1.73 mg/kg-day in food
Mated mink or mink that had ovulation induced by GnRH injection (2 years old) were dosed with 1.73 mg/kg-day in food
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Mated mink or mink that had ovulation induced by GnRH injection (2 years old) were dosed with 1.73 mg/kg-day in food
Mated mink or mink that had ovulation induced by GnRH injection (2 years old) were dosed with 1.73 mg/kg-day in food
Mated mink or mink that had ovulation induced by GnRH injection (2 years old) were dosed with 1.73 mg/kg-day in food
2 year old females (taken as 730 days); daily doses 0.65 mg/day and 1.3 mg/day were re-calculated using average body w
2 year old females (taken as 730 days); daily doses 0.65 mg/day and 1.3 mg/day were re-calculated using average body w
2 year old females (taken as 730 days); daily doses 0.65 mg/day and 1.3 mg/day were re-calculated using average body w
2 year old females (taken as 730 days); daily doses 0.65 mg/day and 1.3 mg/day were re-calculated using average body w

Male rats were dosed with 0 or 70 ppm in drinking water (estimated by the authors as 6.4 mg/kg-d) for 3 wk. Cytochrom
P0 rats were dosed with 0 or 70 ppm in drinking water (estimated by the authors as 6.4 mg/kg-d). Treated males were pl

Male rats were dosed with 0 or 70 ppm in drinking water for 9 weeks. Treated males were (weekly) placed with stock fer
Adult female mice (age not reported) were dosed with 200 ppm Aroclor 1254 in the diet. Group A received only topical t
Adult female mice (age not reported) were dosed with 200 ppm Aroclor 1254 in the diet. Group A received only topical t
Adult female mice (age not reported) were dosed with 200 ppm Aroclor 1254 in the diet. Group A received only topical t
Dosing for 16-21 months, ending at 3 months post-partum (rhesus monkeys); decreased locomotor activity at 44 months
Dosing for 16-21 months, ending at 3 months post-partum (rhesus monkeys); decreased locomotor activity at 44 months
Dosing for 16-21 months, ending at 3 months post-partum (rhesus monkeys); locomotor activity altered at 11 months of
Dosing for 16-21 months, ending at 3 months post-partum (rhesus monkeys); cognitive function measured using the Wis
Female rats given IP 50 mg/kg PCB 90 min after IV LPS or saline exposure; sacrificed 6-9hrs later. p637, Table 2, Fig 5; sali
Female rats given IP 50 mg/kg PCB 90 min after IV LPS or saline exposure; sacrificed 6-9hrs later. p637, Figures 2, 3; saline
Female rats given IP 50 mg/kg PCB 90 min after IV LPS or saline exposure; sacrificed 6-9hrs later. p637; "Co-administratio
Female rats treated days 25,27,29,31 post partum (25 mg/kg) re-calculated to continuous exposure for 7 days. No treatm
Female rats treated days 25,27,29,31 post partum (25 mg/kg) re-calculated to continuous exposure for 7 days. No treatm
Female rats treated days 25,27,29,31 post partum (25 mg/kg) re-calculated to continuous exposure for 7 days. No treatm
Female rats treated days 25,27,29,31 post partum (25 mg/kg) re-calculated to continuous exposure for 7 days. No treatm
Male rats given 1, 5, or 25 ppm A1254 in diet for 35, 70, and 140 days. Dose dependent elevation in acetanilide hydroxyla
Male rats given 1, 5, or 25 ppm A1254 in diet for 35, 70, and 140 days. Significant increase in liver triglerides 25 ppm grou
Male rats given 1, 5, or 25 ppm A1254 in diet for 35, 70, and 140 days. Signficant increase in relative liver weight (%body
Male rats given acute 4 g/kg or subacute A1242 100mg/kg. No change in heart histopathology with PCB exposure (p438,
Male rats given acute 4 g/kg or subacute A1242 100mg/kg. No change in heart weight with exposure (p439).
Male rats given acute 4 g/kg or subacute A1242 100mg/kg. No change in dermal histopathology (p438, 442).
Male rats given acute 4 g/kg or subacute A1242 100mg/kg. No change in adrenal histopathology (p438, 442)
Male rats given acute 4 g/kg or subacute A1242 100mg/kg. No change in adrenal weight (p439)
In preliminary experiments, male rats dosed with 100, 1000, 2500, or 6000 mg/kg A1242. Diarrea was evident in both dos
Male rats given acute 4 g/kg or subacute A1242 100mg/kg. No GI tract histopathological alterations (p438, 442).
Male rats given 4 g/kg single dose or 100mg/kg on alternate days for 3 weeks. Assume 10 doses of 100 mg/kg for 21 days

52	0.9	0.312	0.066	5	56 COMPLETE
52	0.9	0.312	0.066	5	56 COMPLETE
52	0.9	0.312	0.066	5	56 COMPLETE
52	0.9	0.312	0.066	5	56 COMPLETE
52	0.9	0.312	0.066	5	56 COMPLETE
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52	0.9	0.312	0.066	5	56 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
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22	0.9	0.094	0.154	10	21 COMPLETE

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Bruckner et al.	1973	201809
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Bruckner et al.	1973	201809
Carter	1985	202179
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Carter	1984	202180
Chu et al.	1980	202194
Chu et al.	1980	202194
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liver microsomal protein, cytochrome P450 and b5 levels, and N-demethylation and hydroxylation activity
liver microsomal protein, cytochrome P450 and b5 levels, and N-demethylation and hydroxylation activity
liver histopathology
liver lipid content
liver weight
liver weight
SGOT activity
SGOT activity
spleen histopathology
spleen weight
differential leukocyte count (blood)
pancreatic histopathology
brain histopathology
diminished exploratory behavior, unusual stance and gait, decreased response to pain stimuli
chromodacryorrhea
lung histopathology
kidney histopathology
kidney weight
epithelial cells and leukocytes in urine
oliguria
serum cholesterol, HDL-cholesterol, LDL-cholesterol, VLDL-cholesterol
relative wet liver weight
serum cholesterol, HDL-cholesterol
relative wet liver weight
heart histopathology
heart histopathology
skin histopathology
skin histopathology
adrenal histopathology
adrenal histopathology
parathyroid histopathology
parathyroid histopathology
thyroid histopathology
thyroid histopathology
esophagus, stomach, duodenum, small intestine, and large intestine histopathology
esophagus, stomach, duodenum, small intestine, and large intestine histopathology
bone marrow histopathology and cytological evaluation of the bone marrow
bone marrow histopathology and cytological evaluation of the bone marrow
thrombocytes
thrombocytes
hemoglobin, hematocrit, red blood cells (RBCs)
hemoglobin, hematocrit, red blood cells (RBCs)
cholesterol
cholesterol
hepatic microsomal mixed-function oxidases (2- and 4-biphenyl hydroxylase, coumarin deethylase, ethoxyresorufin deet
hepatic microsomal mixed-function oxidases (2- and 4-biphenyl hydroxylase, coumarin deethylase, ethoxyresorufin deet
liver gross pathology and histopathology

Liver Enzyme Induction	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Liver Histopathology	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Serum Biomarkers of Liver Health & Function	Hepatobiliary
Serum Biomarkers of Liver Health & Function	Hepatobiliary
Immune Organ Histopathology	Immune System
Immune Organ Size/Weight	Immune System
White Blood Cell (WBC) Counts	Immune System
Pancreatic Histopathology	Metabolic
Brain Weight & Histopathology	Nervous System
Neurological Symptoms	Nervous System
Neurotransmitter levels	Nervous System
Pulmonary Histopathology	Respiratory
Kidney Histopathology	Urinary System
Kidney Weight	Urinary System
Urinalysis	Urinary System
Urine Output	Urinary System
Cholesterol	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Cholesterol	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Cardiovascular Histopathology	Cardiovascular
Cardiovascular Histopathology	Cardiovascular
Dermal Histopathology	Dermal
Dermal Histopathology	Dermal
Adrenal Histopathology	Endocrine
Adrenal Histopathology	Endocrine
Parathyroid Histopathology	Endocrine
Parathyroid Histopathology	Endocrine
Thyroid Histopathology	Endocrine
Thyroid Histopathology	Endocrine
Gastrointestinal Histopathology	Gastrointestinal
Gastrointestinal Histopathology	Gastrointestinal
Bone Marrow Histopathology	Hematopoietic
Bone Marrow Histopathology	Hematopoietic
Platelets	Hematopoietic
Platelets	Hematopoietic
Red Blood Cells/Hemoglobin	Hematopoietic
Red Blood Cells/Hemoglobin	Hematopoietic
Cholesterol	Hepatobiliary
Cholesterol	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Liver Histopathology	Hepatobiliary

Aroclor 1242
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Rat	Injection-ip	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Injection-ip	Primary
Rat	Oral-gavage	Primary
Rat	Injection-ip	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
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Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
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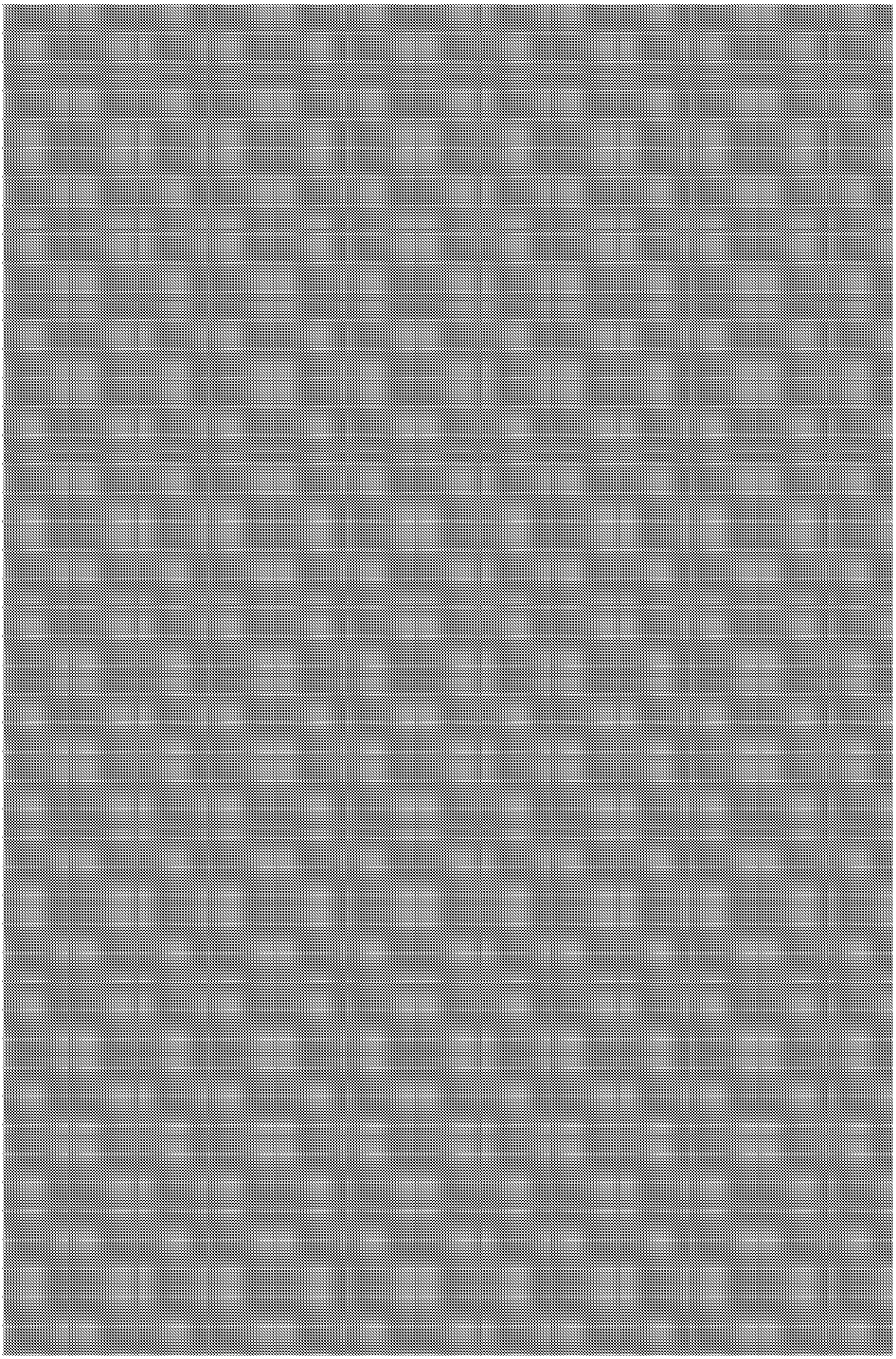
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary

NR (200-300 g)		1
NR (200-300 g)		21
NR (200-300 g)		21
NR (200-300 g)		21
NR (200-300 g)		1
NR (200-300 g)		21
NR (200-300 g)		21
NR (200-300 g)		1
NR (200-300 g)		1
NR (200-300 g)		1
NR (200-300 g)		21
NR (200-300 g)		1
NR (200-300 g)		1
	36	4
	36	4
	38	4
	38	4
NR (weanling male rats)		28
NR (weanling male rats)		28
NR (weanling male rats)		28
NR (weanling male rats)		28
NR (weanling male rats)		28



0	100	100
0	47.6	4000
0	47.6	4000
0	47.6	4000
0	100	100
0	47.6	47.6
0	47.6	4000
0	4000	4000
0	100	6000
0	100	6000
0	47.6	4000
0	4000	4000
0	100	6000
0	0.49	1.89
0	0.49	1.89
1	2	32
1	2	32
1	20	20
1	20	20
1	20	20
1	20	20
1	20	20

N/A	100		
N/A	47.6		
N/A	47.6		
N/A	47.6		
N/A	100		
N/A	47.6		
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N/A	47.6		
			N/A
			N/A
N/A	4000		
			N/A
			N/A
1000	2500		
1000	2500		
			N/A
N/A	47.6		
			N/A
N/A	4000		
2500	6000		
0.49	0.99		
0.49	0.99		
4	8		
8	16		
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N/A	20		
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			N/A
			N/A
			N/A
N/A	20		
N/A	20		
N/A	20		

Male rats given single IP dose of 100 mg/kg. Increase in exposed animals sacrificed after 24 h, 5 days and 10 days after ex
Male rats given 4 g/kg single dose or 100mg/kg on alternate days for 3 weeks. Assume 10 doses of 100 mg/kg for 21 days
Male rats given 4 g/kg single dose or 100mg/kg on alternate days for 3 weeks. Assume 10 doses of 100 mg/kg for 21 days
Male rats given 4 g/kg single dose or 100mg/kg on alternate days for 3 weeks. Assume 10 doses of 100 mg/kg for 21 days
Male rats given single IP dose of 100 mg/kg. Significant increase in liver weight (p445, Tables 3-4)
Male rats given 100mg/kg on alternate days for 3 weeks. Assume 10 doses of 100 mg/kg for 21 days = 46.6 mg/kg-day. s
Male rats given single IP dose of 100 mg/kg. No significant difference in SGOT (p442, 445, Table 4).
Male rats given 4 g/kg single dose or 100mg/kg on alternate days for 3 weeks. Assume 10 doses of 100 mg/kg for 21 days
Male rats given acute 4 g/kg or subacute A1242 100mg/kg. No effect on spleen histopath (p438, 442).
Male rats given acute 4 g/kg or subacute A1242 100mg/kg. No change in spleen weight (p439)
Male rats given single dose of 4 g/kg. Significant effect on leukocyte count (p438, Table 1).
Male rats given acute 4 g/kg or subacute A1242 100mg/kg. No change in pancreatic histopath (p438, 442).
Male rats given acute 4 g/kg or subacute A1242 100mg/kg. No effects on brain histopathology were reported. (p438, 442
In preliminary experiments, male rats dosed with 100, 1000, 2500, or 6000 mg/kg A1242. Change noted at the highest tw
In preliminary experiments, male rats dosed with 100, 1000, 2500, or 6000 mg/kg A1242. Change noted at the highest tw
Male rats given acute 4 g/kg or subacute A1242 100mg/kg. No change in lung histopath (p438, 442).
Male rats given acute 4 g/kg or subacute A1242 100mg/kg. Change in kidney histo noted at both doses. The kidneys of th
Male rats given acute 4 g/kg or subacute A1242 100mg/kg. No change in kidney weight (p439)
Male rats given single 4 g/kg dose. An increase in epithelial cells and in leukocytes was noted in the urine of the PCB-trea
In preliminary experiments, male rats dosed with 100, 1000, 2500, or 6000 mg/kg A1242. At highest dose oliguria noted (
Male rats given 0, 4, 8, or 16 ppm A1254 for 4 days. Significant change in cholesterol at 8 ppm dose group (p428-429, Figu
Male rats given 0, 4, 8, or 16 ppm A1254 for 4 days. Significant change in liver weight at 8 ppm dose group (p428, Table 2
Aroclor 1254 in diet at 2, 4, 6, 16, or 32 ppm. Total food intake over the 4 d exposure period presented in Table 2. "Serum
Aroclor 1254 in diet at 2, 4, 6, 16, or 32 ppm. Total food intake over the 4 d exposure period presented in Table 2. "Relati
Male weanling rats given 20 ppm A1254 or A1260 in diet for 28 days. No treatment effect on histopath (p425).
Male weanling rats given 20 ppm A1254 or A1260 in diet for 28 days. No treatment effect on histopath (p425).
Male weanling rats given 20 ppm A1254 or A1260 in diet for 28 days. No treatment effect on histopath (p425).
Male weanling rats given 20 ppm A1254 or A1260 in diet for 28 days. No treatment effect on histopath (p425).
Male weanling rats given 20 ppm A1254 or A1260 in diet for 28 days. No treatment effect on histopath (p425).
Male weanling rats given 20 ppm A1254 or A1260 in diet for 28 days. No treatment effect on histopath (p425).
Male weanling rats given 20 ppm A1254 or A1260 in diet for 28 days. No treatment effect on histopath (p425).
Male weanling rats given 20 ppm A1254 or A1260 in diet for 28 days. No treatment effect on histopath (p425).
Male weanling rats given 20 ppm A1254 or A1260 in diet for 28 days. Reduction in follicular size and colloid density with
Male weanling rats given 20 ppm A1254 or A1260 in diet for 28 days. Reduction in follicular size and colloid density with
Male weanling rats given 20 ppm A1254 or A1260 in diet for 28 days. No treatment effect on histopath (p425).
Male weanling rats given 20 ppm A1254 or A1260 in diet for 28 days. No treatment effect on histopath (p425).
Male weanling rats given 20 ppm A1254 or A1260 in diet for 28 days. No treatment effect (p425, 428)
Male weanling rats given 20 ppm A1254 or A1260 in diet for 28 days. No treatment effect (p425, 428)
Male weanling rats given 20 ppm A1254 or A1260 in diet for 28 days. No treatment effect (p428)
Male weanling rats given 20 ppm A1254 or A1260 in diet for 28 days. No treatment effect (p428)
Male weanling rats given 20 ppm A1254 or A1260 in diet for 28 days. No treatment effect (p428)
Male weanling rats given 20 ppm A1254 or A1260 in diet for 28 days. No treatment effect (p428)
Male weanling rats given 20 ppm A1254 or A1260 in diet for 28 days. No treatment effect (p425)
Male weanling rats given 20 ppm A1254 or A1260 in diet for 28 days. No treatment effect (p425)
Male weanling rats given 20 ppm A1254 or A1260 in diet for 28 days. Significant treatment effect (Table 1)
Male weanling rats given 20 ppm A1254 or A1260 in diet for 28 days. Significant treatment effect (Table 1)
Male weanling rats given 20 ppm A1254 or A1260 in diet for 28 days. Mild to moderate lobular mosaic pattern with perip

22	0.9	0.094	0.154	10	21 COMPLETE

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Chu et al.	1980	202194
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Chu et al.	1980	202194
Chu et al.	1980	202194
Chu et al.	1980	202194
Chu et al.	1980	202194
Chu et al.	1980	202194
Chu et al.	1980	202194
Chu et al.	1980	202194
Chu et al.	1980	202194
Chu et al.	1980	202194
Chu et al.	1980	202194
Chu et al.	1980	202194
Chu et al.	1980	202194
Chu et al.	1980	202194
Chu et al.	1980	202194
Chu et al.	1980	202194
Chu et al.	1980	202194
Chu et al.	1980	202194
Chu et al.	1980	202194
Chu et al.	1980	202194
Chu et al.	1980	202194
Chu et al.	1980	202194
Chu et al.	1980	202194
Chu et al.	1980	202194
Chu et al.	1980	202194
Chu et al.	1980	202194
Chu et al.	1980	202194
Chu et al.	1980	202194
Chu et al.	1980	202194
Collins and Capen	1980	202202
Collins and Capen	1980	202202
Collins and Capen	1980	202202
Collins and Capen	1980	202203
Collins and Capen	1980	202203
Collins et al.	1977	202204
Collins et al.	1977	202204
Cooke et al.	1996	202207
Cooke et al.	1996	202207
Cooke et al.	1996	202207
Cooke et al.	1996	202207
Cooke et al.	1996	202207
Cooke et al.	1996	202207
Cooke et al.	1996	202207
Cooke et al.	1996	202207
Cooke et al.	1996	202207
Cooke et al.	1996	202207
Cooke et al.	1996	202207

liver gross pathology and histopathology
fatty degeneration in the liver
fatty degeneration in the liver
liver weight as percent body weight
liver weight as percent body weight
serum total bilirubin, alkaline phosphatase, glutamic-oxaloacetic transaminase (GOT), and lactic acid dehydrogenase
serum total bilirubin, alkaline phosphatase, glutamic-oxaloacetic transaminase (GOT), and lactic acid dehydrogenase
spleen and thymus histopathology
spleen and thymus histopathology
white blood cells (WBCs), differential counts
white blood cells (WBCs), differential counts
glucose
glucose
pancreatic histopathology
pancreatic histopathology
muscle histopathology
muscle histopathology
brain histopathology
brain histopathology
testes, epididymis, and prostate histopathology
testes, epididymis, and prostate histopathology
lung, trachea, and bronchi histopathology
lung, trachea, and bronchi histopathology
kidney histopathology
kidney histopathology
uric acid
uric acid
urinary bladder histopathology
urinary bladder histopathology
serum T4, T3
results of light microscopic thyroid evaluation
bile flow
serum T4, T3
thyroid histopathology and ultrastructure
serum thyroxine
thyroid histopathology
body weight at PND 135 (following exposure from PND0-25)
body weight at PND 135 (following exposure from PND0-25)
serum T4
serum T4
fertility
testicular histology
testicular histology
paired testis weights
paired testis weights
serum testosterone
serum testosterone

Liver Histopathology	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Serum Biomarkers of Liver Health & Function	Hepatobiliary
Serum Biomarkers of Liver Health & Function	Hepatobiliary
Immune Organ Histopathology	Immune System
Immune Organ Histopathology	Immune System
White Blood Cell (WBC) Counts	Immune System
White Blood Cell (WBC) Counts	Immune System
Blood/Urinary Glucose	Metabolic
Blood/Urinary Glucose	Metabolic
Pancreatic Histopathology	Metabolic
Pancreatic Histopathology	Metabolic
Skeletal Muscle Histopathology	Musculoskeletal
Skeletal Muscle Histopathology	Musculoskeletal
Brain Weight & Histopathology	Nervous System
Brain Weight & Histopathology	Nervous System
Reproductive Organ Histopathology (M)	Reproductive
Reproductive Organ Histopathology (M)	Reproductive
Pulmonary Histopathology	Respiratory
Pulmonary Histopathology	Respiratory
Kidney Histopathology	Urinary System
Kidney Histopathology	Urinary System
Serum Biomarkers of Renal Function	Urinary System
Serum Biomarkers of Renal Function	Urinary System
Urinary Bladder Histopathology	Urinary System
Urinary Bladder Histopathology	Urinary System
HPT Hormones	Endocrine
Thyroid Histopathology	Endocrine
Bile Acid Content/Excretion	Hepatobiliary
HPT Hormones	Endocrine
Thyroid Histopathology	Endocrine
HPT Hormones	Endocrine
Thyroid Histopathology	Endocrine
Weight and Size (Early Life)	Developmental
Weight and Size (Early Life)	Developmental
HPT Hormones	Endocrine
HPT Hormones	Endocrine
Male fertility	Reproductive
Reproductive Organ Histopathology (M)	Reproductive
Reproductive Organ Histopathology (M)	Reproductive
Reproductive Organ Size/Weight (M)	Reproductive
Reproductive Organ Size/Weight (M)	Reproductive
Sex Hormone Levels (M)	Reproductive
Sex Hormone Levels (M)	Reproductive

Aroclor 1260
Aroclor 1254
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Aroclor 1254
Aroclor 1254
Aroclor 1254
Aroclor 1254
Aroclor 1254
Aroclor 1242
Aroclor 1254
Aroclor 1242
Aroclor 1254
Aroclor 1242
Aroclor 1242
Aroclor 1254
Aroclor 1242
Aroclor 1254
Aroclor 1242
Aroclor 1254

Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
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Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Injection-sc	Primary, pre-weaning
Rat	Injection-sc	Primary, pre-weaning
Rat	Injection-sc	Primary, pre-weaning
Rat	Injection-sc	Primary, pre-weaning
Rat	Injection-sc	Primary, pre-weaning
Rat	Injection-sc	Primary, pre-weaning
Rat	Injection-sc	Primary, pre-weaning
Rat	Injection-sc	Primary, pre-weaning
Rat	Injection-sc	Primary, pre-weaning
Rat	Injection-sc	Primary, pre-weaning
Rat	Injection-sc	Primary, pre-weaning

NR (weanling male rats)		28
NR (weanling male rats)		28
NR (weanling male rats)		28
NR (weanling male rats)		28
NR (weanling male rats)		28

23	47
23	47
23	47
23	47
23	47
23	47

		1	20	20
		1	20	20
		1	20	20
		1	20	20
		1	20	20

N/A	20		
N/A	20		
N/A	20		
			N/A
			N/A
N/A	20		
N/A	20		
			N/A
			N/A
			N/A
			N/A
			N/A
			N/A
			N/A
			N/A
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			N/A
			N/A
			N/A
			N/A
			N/A
			N/A
			N/A
			N/A
N/A	500		
N/A	500		
			N/A
N/A	5		
N/A	5		
N/A	50		
N/A	50		
40		80	
N/A		10	
N/A		10	
N/A		10	
			N/A
			N/A
			N/A
10		40	
N/A		10	
			N/A
			N/A

Male weanling rats given 20 ppm A1254 or A1260 in diet for 28 days. Moderate to marked lobular mosaic pattern with p
Male weanling rats given 20 ppm A1254 or A1260 in diet for 28 days. "Aroclor 1260 caused moderate fatty changes, whic
Male weanling rats given 20 ppm A1254 or A1260 in diet for 28 days. "Aroclor 1260 caused moderate fatty changes, whic
Male weanling rats given 20 ppm A1254 or A1260 in diet for 28 days. No change in liver weight as percent body weight (p
Male weanling rats given 20 ppm A1254 or A1260 in diet for 28 days. No change in liver weight as percent body weight (p
Male weanling rats given 20 ppm A1254 or A1260 in diet for 28 days. Decreased GOT (p425, Table 1).
Male weanling rats given 20 ppm A1254 or A1260 in diet for 28 days. Decreased GOT (p425, Table 1).
Male weanling rats given 20 ppm A1254 or A1260 in diet for 28 days. No treatment effect on histopath (p425).
Male weanling rats given 20 ppm A1254 or A1260 in diet for 28 days. No treatment effect on histopath (p425).
Male weanling rats given 20 ppm A1254 or A1260 in diet for 28 days. No treatment effect (p428).
Male weanling rats given 20 ppm A1254 or A1260 in diet for 28 days. No treatment effect (p428).
Male weanling rats given 20 ppm A1254 or A1260 in diet for 28 days. No treatment effect (p425).
Male weanling rats given 20 ppm A1254 or A1260 in diet for 28 days. No treatment effect (p425).
Male weanling rats given 20 ppm A1254 or A1260 in diet for 28 days. No treatment effect on histopath (p425).
Male weanling rats given 20 ppm A1254 or A1260 in diet for 28 days. No treatment effect on histopath (p425).
Male weanling rats given 20 ppm A1254 or A1260 in diet for 28 days. No treatment effect on histopath (p425).
Male weanling rats given 20 ppm A1254 or A1260 in diet for 28 days. No treatment effect on histopath (p425).
Male weanling rats given 20 ppm A1254 or A1260 in diet for 28 days. No treatment effect on histopath (p425).
Male weanling rats given 20 ppm A1254 or A1260 in diet for 28 days. No treatment effect on histopath (p425).
Male weanling rats given 20 ppm A1254 or A1260 in diet for 28 days. No treatment effect on histopath (p425).
Male weanling rats given 20 ppm A1254 or A1260 in diet for 28 days. No treatment effect on histopath (p425).
Male weanling rats given 20 ppm A1254 or A1260 in diet for 28 days. No treatment effect on histopath (p425).
Male weanling rats given 20 ppm A1254 or A1260 in diet for 28 days. No treatment effect on histopath (p425).
Male weanling rats given 20 ppm A1254 or A1260 in diet for 28 days. No treatment effect on histopath (p425-428, Table
Male weanling rats given 20 ppm A1254 or A1260 in diet for 28 days. No treatment effect on histopath (p425-428, Table
Male weanling rats given 20 ppm A1254 or A1260 in diet for 28 days. No treatment effect (p425).
Male weanling rats given 20 ppm A1254 or A1260 in diet for 28 days. No treatment effect (p425).
Male weanling rats given 20 ppm A1254 or A1260 in diet for 28 days. No treatment effect on histopath (p425).
Male weanling rats given 20 ppm A1254 or A1260 in diet for 28 days. No treatment effect on histopath (p425).
Male rats (300-400 g) given 500 ppm A1254 in diet for 42 days. T3 and T4 significantly affected (Table 1).
Male rats (300-400 g) given 500 ppm A1254 in diet for 42 days. Follicular lumen reduced, cytoplasm of follicular cells mo
Male rats (300-400 g) given 500 ppm A1254 in diet for 42 days. "Bile flow unaltered by PCB" (p161).
8-week old rats fed diet containing 5, 50, or 500 ppm A1254 for 4 weeks. T3 significantly affected at lowest dose (Table 1
8-week old rats fed diet containing 5, 50, or 500 ppm A1254 for 4 weeks. "Thyroid glands of rats fed 5 ppm PCB had ultra
8-week old rats fed diet containing 50 or 500 ppm A1254 for 4 or 12 weeks. Significant change in serum thyroxine after 4
8-week old rats fed diet containing 50 or 500 ppm A1254 for 4 or 12 weeks. "Thvroid glands were slightly enlarged, and f
Rat pups were injected sc from birth to PND 25 with 0, 0.4, 1.6, or 3.2 mg/day (authors state that this is approximately 10
Rat pups were injected sc from birth to PND 25 with 0, 0.4, 1.6 mg/day (authors state that this is approximately 10, 40 mg
Rat pups were injected sc from birth to PND 25 with 0, 0.4, 1.6, or 3.2 mg/day (authors state that this is approximately 10
Rat pups were injected sc from birth to PND 25 with 0, 0.4, 1.6 mg/day (authors state that this is approximately 10, 40 mg
Rat pups were injected sc from birth to PND 25 with 0, 0.4, 1.6, or 3.2 mg/day (authors state that this is approximately 10
Rat pups were injected sc from birth to PND 25 with 0, 0.4, 1.6, or 3.2 mg/day (authors state that this is approximately 10
Rat pups were injected sc from birth to PND 25 with 0, 0.4, 1.6 mg/day (authors state that this is approximately 10, 40 mg
Rat pups were injected sc from birth to PND 25 with 0, 0.4, 1.6, or 3.2 mg/day (authors state that this is approximately 10
Rat pups were injected sc from birth to PND 25 with 0, 0.4, 1.6 mg/day (authors state that this is approximately 10, 40 mg
Rat pups were inected sc from birth to PND 25 with 0, 0.4, 1.6, or 3.2 mg/day (authors state that this is approximately 10,
Rat pups were inected sc from birth to PND 25 with 0, 0.4, 1.6 mg/day (authors state that this is approximately 10, 40 mg

22	0.9	0.094	0.154	10	21 COMPLETE

Chelsea
Chelsea
Chelsea

Cooke et al.	1996	202207
Cooke et al.	1996	202207
Davis and Safe	1989	202219
Davis and Safe	1989	202219
Davis and Safe	1989	202219
Davis and Safe	1989	202219
Davis and Safe	1989	202219
Davis and Safe	1989	202219
Davis and Safe	1989	202219
Dikshith et al.	1975	202250
Dikshith et al.	1975	202250
Dikshith et al.	1975	202250
Exon et al.	1985	202252
Exon et al.	1985	202252
Franklin et al.	1997	202271
Franklin et al.	1997	202271
Freeman et al.	2000	202272
Freeman et al.	2000	202272
Freeman et al.	2000	202272
Freeman et al.	2000	202272
Freeman et al.	2000	202272
Freeman et al.	2000	202272
Freeman et al.	2000	202272
Freeman et al.	2000	202272
Freeman et al.	2000	202272
Freeman et al.	2000	202272
Freeman et al.	2000	202272
Freeman et al.	2000	202272
Freeman et al.	2000	202272
Freeman et al.	2000	202272
Freeman et al.	2000	202272
Garthoff et al.	1981	202279
Garthoff et al.	1981	202279
Garthoff et al.	1981	202279
Garthoff et al.	1981	202279
Garthoff et al.	1981	202279
Garthoff et al.	1981	202279
Garthoff et al.	1981	202279
Garthoff et al.	1977	202280
Garthoff et al.	1977	202280
Garthoff et al.	1977	202280
Garthoff et al.	1977	202280
Garthoff et al.	1977	202280
Garthoff et al.	1977	202280
Garthoff et al.	1977	202280

daily sperm production
daily sperm production
splenic plaque-forming cell response to sheep red blood cells
splenic plaque-forming cell response to sheep red blood cells
splenic plaque-forming cell response to sheep red blood cells
splenic plaque-forming cell response to sheep red blood cells
splenic plaque-forming cell response to sheep red blood cells
splenic plaque-forming cell response to sheep red blood cells
splenic plaque-forming cell response to sheep red blood cells
liver weight
histology of testis
testis and epididymal weights
serum IgG antibody response to KLH
conA-stimulated and endogenous interleukin 2 (IL2) activity, natural killer cell (NKC) cytotoxicity
liver enzymes, cytochrome p450 induction
liver porphyrins
body temperature
body temperature
body temperature
body temperature
neuropathology
neuropathology
neuropathology
neuropathology
open field
open field
open field
open field
landing foot splay, forelimb grip strength, hindlimb grip strength, total horizontal activity, total vertical activity
landing foot splay, forelimb grip strength, hindlimb grip strength, total horizontal activity, total vertical activity
landing foot splay, forelimb grip strength, hindlimb grip strength, total horizontal activity, total vertical activity
landing foot splay, forelimb grip strength, hindlimb grip strength, total horizontal activity, total vertical activity
food consumption
triglycerides
cholesterol
hexobarbital sleeping times
relative liver weights
GGTP
adipose tissue weight
blood/urinary glucose
serum corticosterone
cholesterol
liver microsomal enzyme activity
hepatic lipid profiles, liver lipids
absolute and relative liver weight
SGPT
WBC counts

Sperm/semen parameters	Reproductive
Sperm/semen parameters	Reproductive
Antibody Responses	Immune System
Antibody Responses	Immune System
Antibody Responses	Immune System
Antibody Responses	Immune System
Antibody Responses	Immune System
Antibody Responses	Immune System
Antibody Responses	Immune System
Liver Weight/Hepatomegaly	Hepatobiliary
Reproductive Organ Histopathology (M)	Reproductive
Reproductive Organ Size/Weight (M)	Reproductive
Antibody Responses	Immune System
Ex Vivo WBC Function	Immune System
Liver Enzyme Induction	Hepatobiliary
Porphyrins	Hepatobiliary
Body Temperature/Metabolic Rate	Metabolic
Body Temperature/Metabolic Rate	Metabolic
Body Temperature/Metabolic Rate	Metabolic
Body Temperature/Metabolic Rate	Metabolic
Brain Weight & Histopathology	Nervous System
Brain Weight & Histopathology	Nervous System
Brain Weight & Histopathology	Nervous System
Brain Weight & Histopathology	Nervous System
Emotional state/affective behavior	Nervous System
Emotional state/affective behavior	Nervous System
Emotional state/affective behavior	Nervous System
Emotional state/affective behavior	Nervous System
Motor Function/Development	Nervous System
Motor Function/Development	Nervous System
Motor Function/Development	Nervous System
Motor Function/Development	Nervous System
Digestive System Complaints/Diseases	Gastrointestinal
Blood Triglycerides	Hepatobiliary
Cholesterol	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Serum Biomarkers of Liver Health & Function	Hepatobiliary
Adipose Tissue Size/Weight	Metabolic
Blood/Urinary Glucose	Metabolic
HPA Hormones	Endocrine
Cholesterol	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Serum Biomarkers of Liver Health & Function	Hepatobiliary
White Blood Cell (WBC) Counts	Immune System

Aroclor 1242
Aroclor 1254
Aroclor 1016
Aroclor 1232
Aroclor 1242
Aroclor 1248
Aroclor 1254
Aroclor 1260
Mixture: PCBs 28, 33, 37, 41, 52, 74, 110, 118, 138, 153, 156, 170, 180, 182, 187, 189
Aroclor 1254
Aroclor 1254
Aroclor 1254
Aroclor 1254
Aroclor 1254
Aroclor 1254
Aroclor 1254
Aroclor 1016
Aroclor 1242
Aroclor 1254
Aroclor 1260
Aroclor 1016
Aroclor 1242
Aroclor 1254
Aroclor 1260
Aroclor 1016
Aroclor 1242
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Aroclor 1260
Aroclor 1016
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Aroclor 1254
Aroclor 1254

Rat	Injection-sc	Primary, pre-weaning
Rat	Injection-sc	Primary, pre-weaning
Mouse	Injection-ip	Primary
Mouse	Injection-ip	Primary
Mouse	Injection-ip	Primary
Mouse	Injection-ip	Primary
Mouse	Injection-ip	Primary
Mouse	Injection-ip	Primary
Mouse	Injection-ip	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Injection-ip	Primary
Rat	Injection-ip	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary

	58.5	1
	58.5	1
	58.5	1
	58.5	1
	58.5	1
	58.5	1
	90	7
	90	7
	90	7
NR (weanling)		70
NR (weanling)		70
NR (125-200 g, f & m)		1
NR (125-200 g, f & m)		1
	52.5	91
	52.5	91
	52.5	91
	52.5	182
	52.5	364
	52.5	91
	52.5	182
	52.5	273
	55.5	10
	55.5	59
	55.5	31
	55.5	10
	55.5	60
	55.5	59
NR (250g male)		
NR (250g male)		21
NR (250g male)		21
NR (250g male)		21
NR (250g male)		35
NR (250g male)		
NR (250g male)		35

23	47
23	47

157	4	0	10	80
157	4	0	10	40
		0	50	900
		0	25	900
		0	25	900
		0	25	900
		0	25	900
		0	25	900
		0	50	50
		0	50	50
		0	50	50
		1	50	500
		1	50	500
		0	63	63
		0	63	63
		0	2.7	14.1
		0	2.6	7.5
		0	1.3	6.7
		0	1.4	6.9
		0	2.7	14.1
		0	2.6	7.5
		0	1.4	6.9
		0	1.3	6.7
		0	7	140
		0	7	140
		0	7	19
		0	7	70
		0	11.67	70
		0	7	140
		1	5	500
		1	5	500
		1	5	500
		1	5	500
		1	5	500
		1	5	500
		1	5	500

10		40	
N/A		10	
150	450		
150	450		
N/A	450		
N/A	150		
N/A	50		
N/A	50		
			N/A
N/A	50		
50	N/A		N/A
N/A	50		
N/A	50		
N/A	50		
N/A	63		
63	N/A		N/A
N/A	2.7		
N/A	2.6		
			N/A
N/A	1.3		
			N/A
			N/A
			N/A
			N/A
			N/A
			N/A
1.7	2.8		
			N/A
5.6	6.7		
N/A	2.6		
1.4	1.7		
N/A	1.3		
N/A	7		
			N/A
9	9.5		
7	9		
N/A	7		
			N/A
N/A	11.67		
9	9.5		
500	N/A		N/A
50	500		
N/A	5		
5	50		
N/A	5		
500	N/A		N/A
50	500		

Rat pups were injected sc from birth to PND 25 with 0, 0.4, 1.6, or 3.2 mg/day (authors state that this is approximately 1C
Rat pups were injected sc from birth to PND 25 with 0, 0.4, 1.6 mg/day (authors state that this is approximately 10, 40 mg
7-8 week old mice were allowed to acclimate for 5-7d prior to being injected ip with 50, 150, 250, or 900 mg/kg of Aroclo
7-8 week old mice were allowed to acclimate for 5-7d prior to being injected ip with 25, 50, 150, 250, or 900 mg/kg of Arc
7-8 week old mice were allowed to acclimate for 5-7d prior to being injected ip with 25, 50, 150, 250, or 900 mg/kg of Arc
7-8 week old mice were allowed to acclimate for 5-7d prior to being injected ip with 25, 50, 150, 250, or 900 mg/kg of Arc
7-8 week old mice were allowed to acclimate for 5-7d prior to being injected ip with 25, 50, 150, 250, or 900 mg/kg of Arc
7-8 week old mice were allowed to acclimate for 5-7d prior to being injected ip with 25, 50, 150, 250, or 900 mg/kg of Arc
7-8 week old mice were allowed to acclimate for 5-7d prior to being injected ip with 5, 25, or 50 mg/kg of a PCB mixture.
Male rats were dosed with 0 or 50 mg/kg-day for 7 days. "...the livers of the PCB-treated rats were markedly enlarged an
Male rats were dosed with 0 or 50 mg/kg-day for 7 days. Text states that the histological examination of testes in PCB-tre
Male rats were dosed with 0 or 50 mg/kg-day for 7 days. LOAEL is based on significant decrease in left testis weight after
Male weanling rats given 50 or 500 ppm A1254 in diet for 10 weeks. Significant effect at both dose levels (p161, Table 6)
Male weanling rats given 50 or 500 ppm A1254 in diet for 10 weeks. Significant effect at both dose levels (p160, Tables 2
Rats received a single dose of Aroclor 1254 (63 mg/kg ip). Animals were euthanized after 3 weeks. "Hepatic CYP1A activi

7-8 week old male and female rats given Aroclor 1016 in the diet for up to 52 weeks at concentrations of 50, 100, or 200p
7-8 week old male and female rats given Aroclor 1242 in the diet for up to 52 weeks at concentrations of 50 or 100ppm. I
7-8 week old male and female rats given Aroclor 1254 in the diet for up to 52 weeks at concentrations of 25, 50, or 100pp
7-8 week old male and female rats given Aroclor 1260 in the diet for up to 52 weeks at concentrations of 25, 50, or 100pp
7-8 week old male and female rats given Aroclor 1016 in the diet for up to 52 weeks at concentrations of 50, 100, or 200p
7-8 week old male and female rats given Aroclor 1242 in the diet for up to 52 weeks at concentrations of 50 or 100ppm. I
7-8 week old male and female rats given Aroclor 1254 in the diet for up to 52 weeks at concentrations of 25, 50, or 100pp
7-8 week old male and female rats given Aroclor 1260 in the diet for up to 52 weeks at concentrations of 25, 50, or 100pp
7-8 week old male and female rats given Aroclor 1016 in the diet for up to 52 weeks at concentrations of 50, 100, or 200p
7-8 week old male and female rats given Aroclor 1242 in the diet for up to 52 weeks at concentrations of 50 or 100ppm. I
7-8 week old male and female rats given Aroclor 1254 in the diet for up to 52 weeks at concentrations of 25, 50, or 100pp
7-8 week old male and female rats given Aroclor 1260 in the diet for up to 52 weeks at concentrations of 25, 50, or 100pp
7-8 week old male and female rats given Aroclor 1016 in the diet for up to 52 weeks at concentrations of 50, 100, or 200p
7-8 week old male and female rats given Aroclor 1242 in the diet for up to 52 weeks at concentrations of 50 or 100ppm. I
7-8 week old male and female rats given Aroclor 1254 in the diet for up to 52 weeks at concentrations of 25, 50, or 100pp
7-8 week old male and female rats given Aroclor 1260 in the diet for up to 52 weeks at concentrations of 25, 50, or 100pp
Male rats given A1254 by oral gavage at 0, 140, or 280 mg/kg day at weekly intervals for 5 weeks; 0, 70, or 140 mg/kg day
Male rats given A1254 by oral gavage at 0, 140, or 280 mg/kg day at weekly intervals for 5 weeks; 0, 70, or 140 mg/kg day
Male rats given A1254 by oral gavage at 0, 140, or 280 mg/kg day at weekly intervals for 5 weeks; 0, 70, or 140 mg/kg day
Male rats given A1254 by oral gavage at 0, 140, or 280 mg/kg day at weekly intervals for 5 weeks; 0, 70, or 140 mg/kg day
Male rats given A1254 by oral gavage at 0, 140, or 280 mg/kg day at weekly intervals for 5 weeks; 0, 70, or 140 mg/kg day
Male rats given A1254 by oral gavage at 0, 140, or 280 mg/kg day at weekly intervals for 5 weeks; 0, 70, or 140 mg/kg day
Male rats given A1254 by oral gavage at 0, 140, or 280 mg/kg day at weekly intervals for 5 weeks; 0, 70, or 140 mg/kg day

Male rats were dosed with 0, 5, 50, or 500 ppm for 3 weeks. Age of animals NR. Data reported in Table 6.
Male rats were dosed with 0, 5, 50, or 500 ppm for 3 weeks. Age of animals NR. Data reported in Table 9.
Male rats were dosed with 0, 5, 50, or 500 ppm for 3 weeks. Age of animals NR. Data reported in Table 6.
Male rats were dosed with 0, 5, 50, or 500 ppm for 5 weeks. Age of animals NR. Data reported in Table 3.

Male rats were dosed with 0, 5, 50, or 500 ppm for 5 weeks. "Standard hematology and BUN, SGPT, and SGOT determina

22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
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22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
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22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
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22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE

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Garthoff et al.	1977	202280
Garthoff et al.	1977	202280
Garthoff et al.	1977	202280
Garthoff et al.	1977	202280
Garthoff et al.	1977	202280
Gellert and Wilson	1979	202281
Gellert and Wilson	1979	202281
Gellert and Wilson	1979	202281
Gellert and Wilson	1979	202281
Gellert and Wilson	1979	202281
Gellert and Wilson	1979	202281
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Gellert and Wilson	1979	202281
Gellert and Wilson	1979	202281
Gellert and Wilson	1979	202281
Gellert and Wilson	1979	202281
Gellert and Wilson	1979	202281
Gellert and Wilson	1979	202281
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Goldstein et al.	1974	202285
Goldstein et al.	1974	202285
Goldstein et al.	1974	202285
Grant and Phillips	1974	202286
Grant and Phillips	1974	202286
Grant and Phillips	1974	202286
Grant and Phillips	1974	202286
Grant and Phillips	1974	202286
Grant and Phillips	1974	202286

adipose tissue weight
glucose
absolute and relative testis weight
kidney weight
blood urea nitrogen
sex ratio (F2)
sex ratio (F2)
sex ratio (F2)
body weight (F1)
body weight (F1)
body weight (F1)
adrenal weight
adrenal weight
adrenal weight
vaginal cyclicity
vaginal cyclicity
vaginal cyclicity
number of F1 males siring progeny
number of F1 males siring progeny
number of F1 males siring progeny
number of anovulatory rats
number of anovulatory rats
number of anovulatory rats
number of rats with PVE
number of rats with PVE
number of rats with PVE
epididymal cysts
epididymal cysts
epididymal cysts
ovarian weight, uterine weight
ovarian weight, uterine weight
ovarian weight, uterine weight
testes weight, ventral prostate weight
testes weight, ventral prostate weight
testes weight, ventral prostate weight
liver enzymes, hepatic cytochrome P-450s, hepatic microsomal protein
liver enzymes, hepatic cytochrome P-450s, hepatic microsomal protein
liver weight
liver weight
urinary and liver porphyrins
urinary and liver porphyrins
heart weight
aniline hydroxylase activity (umoles of PAP formed)
liver fat
liver weight
spleen wt
kidney weight

Adipose Tissue Size/Weight	Metabolic
Blood/Urinary Glucose	Metabolic
Reproductive Organ Size/Weight (M)	Reproductive
Kidney Weight	Urinary System
Serum Biomarkers of Renal Function	Urinary System
Sex ratio	Reproductive
Sex ratio	Reproductive
Sex ratio	Reproductive
Weight and Size (Early Life)	Developmental
Weight and Size (Early Life)	Developmental
Weight and Size (Early Life)	Developmental
Adrenal Weight	Endocrine
Adrenal Weight	Endocrine
Adrenal Weight	Endocrine
Estrous/Menstrual Cycle	Reproductive
Estrous/Menstrual Cycle	Reproductive
Estrous/Menstrual Cycle	Reproductive
Male fertility	Reproductive
Male fertility	Reproductive
Male fertility	Reproductive
Ovulation	Reproductive
Ovulation	Reproductive
Ovulation	Reproductive
Reproductive aging	Reproductive
Reproductive aging	Reproductive
Reproductive aging	Reproductive
Reproductive Organ Histopathology (M)	Reproductive
Reproductive Organ Histopathology (M)	Reproductive
Reproductive Organ Histopathology (M)	Reproductive
Reproductive Organ Size/Weight (F)	Reproductive
Reproductive Organ Size/Weight (F)	Reproductive
Reproductive Organ Size/Weight (F)	Reproductive
Reproductive Organ Size/Weight (M)	Reproductive
Reproductive Organ Size/Weight (M)	Reproductive
Reproductive Organ Size/Weight (M)	Reproductive
Liver Enzyme Induction	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Porphyrins	Hepatobiliary
Porphyrins	Hepatobiliary
Heart Size/Weight	Cardiovascular
Liver Enzyme Induction	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Immune Organ Size/Weight	Immune System
Kidney Weight	Urinary System

Aroclor 1254
Aroclor 1254
Aroclor 1254
Aroclor 1254
Aroclor 1254
Aroclor 1221
Aroclor 1242
Aroclor 1260
Aroclor 1221
Aroclor 1242
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Aroclor 1254

Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-gavage	Secondary
Rat	Oral-gavage	Secondary
Rat	Oral-gavage	Second

NR (250g male)	21		
NR (250g male)	21		
NR (250g male)	21		
NR (250g male)	21		
NR (250g male)	21		
		no	10

14	20 N/A	N/A	21
14	20 N/A	N/A	21

		1	5	500
		1	5	500
		1	5	500
		1	5	500
		1	5	500
204.5	2	0	30	30

N/A		5	
	5	50	
	50	500	
	50	500	
N/A		5	
			N/A
			N/A
			N/A
N/A		30	N/A
			N/A
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			N/A
			N/A
			N/A
N/A		30	N/A
N/A		7.9	
	5	10	
N/A		7.9	
	10	50	
N/A		7.9	
	10	50	
			N/A
N/A		5	
	50	100	
N/A		5	
			N/A
	5	10	

Male rats were dosed with 0, 5, 50, or 500 ppm for 3 weeks. Age of animals NR. Data reported in Table 4.
Male rats were dosed with 0, 5, 50, or 500 ppm for 3 weeks. Age of animals NR. Data reported in Table 8.
Male rats were dosed with 0, 5, 50, or 500 ppm for 3 weeks. LOAEL is based off significantly increased relative testis weig
Male rats were dosed with 0, 5, 50, or 500 ppm for 3 weeks. Age of animals NR. Data reported in Table 4.
Male rats were dosed with 0, 5, 50, or 500 ppm for 3 weeks. Age of animals NR. Data reported in Table 8.
Rat dams dosed by oral gavage GD14-20 with 30 mg/kg. Offspring weaned at PND21. At 6 months, male offspring mated,
Rat dams dosed by oral gavage GD14-20 with 30 mg/kg. Offspring weaned at PND21. At 6 months, male offspring mated,
Rat dams dosed by oral gavage GD14-20 with 30 mg/kg. Offspring weaned at PND21. At 6 months, male offspring mated,
Rat dams dosed by oral gavage GD14-20 with 30 mg/kg. Offspring weaned at PND21. At 6 months, offpsring bw evaluate
Rat dams dosed by oral gavage GD14-20 with 30 mg/kg. Offspring weaned at PND21. At 6 months, offpsring bw evaluate
Rat dams dosed by oral gavage GD14-20 with 30 mg/kg. Offspring weaned at PND21. At 6 months, offpsring bw evaluate
Rat dams dosed by oral gavage GD14-20 with 30 mg/kg. Offspring weaned at PND21. At 6 months, offpsring adrenal weig
Rat dams dosed by oral gavage GD14-20 with 30 mg/kg. Offspring weaned at PND21. At 6 months, offpsring adrenal weig
Rat dams dosed by oral gavage GD14-20 with 30 mg/kg. Offspring weaned at PND21. At 6 months, offpsring adrenal weig
Rat dams dosed by oral gavage GD14-20 with 30 mg/kg. Offspring weaned at PND21. At 6 months, offpsring vaginal cycli
Rat dams dosed by oral gavage GD14-20 with 30 mg/kg. Offspring weaned at PND21. At 6 months, offpsring vaginal cycli
Rat dams dosed by oral gavage GD14-20 with 30 mg/kg. Offspring weaned at PND21. At 6 months, offpsring vaginal cycli
Rat dams dosed by oral gavage GD14-20 with 30 mg/kg. Offspring weaned at PND21. At 6 months, evaluated. No signific
Rat dams dosed by oral gavage GD14-20 with 30 mg/kg. Offspring weaned at PND21. At 6 months, evaluated. No signific
Rat dams dosed by oral gavage GD14-20 with 30 mg/kg. Offspring weaned at PND21. At 6 months, evaluated. No signific
Rat dams dosed by oral gavage GD14-20 with 30 mg/kg. Offspring weaned at PND21. At 6 months, evaluated. No signific
Rat dams dosed by oral gavage GD14-20 with 30 mg/kg. Offspring weaned at PND21. At 6 months, evaluated. No signific
Rat dams dosed by oral gavage GD14-20 with 30 mg/kg. Offspring weaned at PND21. At 6 months, evaluated. No signific
Rat dams dosed by oral gavage GD14-20 with 30 mg/kg. Offspring weaned at PND21. At 6 months, evaluated. No signific
Rat dams dosed by oral gavage GD14-20 with 30 mg/kg. Offspring weaned at PND21. At 6 months, evaluated. No signific
Rat dams dosed by oral gavage GD14-20 with 30 mg/kg. Offspring weaned at PND21. At 6 months, evaluated. No signific
Rat dams dosed by oral gavage GD14-20 with 30 mg/kg. Offspring weaned at PND21. At 6 months, evaluated. No signific
Rat dams dosed by oral gavage GD14-20 with 30 mg/kg. Offspring weaned at PND21. At 6 months, evaluated. No signific
Rat dams dosed by oral gavage GD14-20 with 30 mg/kg. Offspring weaned at PND21. At 6 months, evaluated. No signific
Rat dams dosed by oral gavage GD14-20 with 30 mg/kg. Offspring weaned at PND21. At 6 months, evaluated. No signific
Rat dams dosed by oral gavage GD14-20 with 30 mg/kg. Offspring weaned at PND21. At 6 months, evaluated. No signific
Rat dams dosed by oral gavage GD14-20 with 30 mg/kg. Offspring weaned at PND21. At 6 months, evaluated. No signific
Rat dams dosed by oral gavage GD14-20 with 30 mg/kg. Offspring weaned at PND21. At 6 months, evaluated. No signific
Rat dams dosed by oral gavage GD14-20 with 30 mg/kg. Offspring weaned at PND21. At 6 months, evaluated. Testes wei
Authors report that animals (30 d old female rats) were fed chow containing 0 or 100 ppm Aroclor 1254 (approximately 7
Weanling females were given by gastric intubation a single dose of 5, 10, 50, 100 or 500 mg/kg Aroclor 1254 w/o food un
Relative liver weight significantly increased at 2 d (Table 3).
Relative liver weight signficantly increased at 50 mg/kg (Table 4).
Liver porphyrin significantly increased at 7 d (Fig 2); levels at which animals were considered phorphyric were achieved b
Significant increase in ALA synthetase activity at 50 mg/kg (Table 4).
Rats given Aroclor 1254 at 0, 12.5, 25.0, 50.0, i00, 400 and 800 mg per kg body weight, for 7 consecutive days. No effect c
Male and female rats dosed with 0, 5, 10, or 20 mg/kg at ages 30 days, 60 days, or 120 days for 7 consecutive days. Signif
One year old female rats given 12.5, 25, 50, 100, 200, 400, or 800 mg/kg A1254 for 7 days. Significant effect on liver fat in
Male and female rats dosed with 0, 5, 10, or 20 mg/kg at ages 30 days, 60 days, or 120 days for 7 consecutive days ; one y
Male and female rats dosed with 0, 5, 10, or 20 mg/kg at ages 30 days, 60 days, or 120 days for 7 consecutive days ; one y
Male and female rats dosed with 0, 5, 10, or 20 mg/kg at ages 30 days, 60 days, or 120 days for 7 consecutive days ; one y

22	0.9	0.094	0.154	10	21 COMPLETE

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Geniece
Geniece
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Chelsea
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Chelsea

Grant et al.	1971	202287
Grant et al.	1971	202287
Grant et al.	1971	202287
Grant et al.	1971	202287
Grant et al.	1971	202287
Grant et al.	1971	202287
Gray et al.	1993	202290
Gray et al.	1993	202290
Gray et al.	1993	202290
Gray et al.	1993	202290
Gray et al.	1993	202290
Gray et al.	1993	202290
Gray et al.	1993	202290
Gray et al.	1993	202290
Gray et al.	1993	202290
Gray et al.	1993	202290
Gray et al.	1993	202290
Hansen et al.	1975	202309
Hansen et al.	1975	202309
Hansen et al.	1975	202309
Hansen et al.	1975	202309
Hansen et al.	1975	202309
Hansen et al.	1975	202309
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Hansen et al.	1975	202309
Hansen et al.	1975	202309
Hansen et al.	1975	202309
Hansen et al.	1976	202313
Hansen et al.	1976	202313
Hansen et al.	1976	202313
Hansen et al.	1976	202313
Hansen et al.	1976	202313
Hansen et al.	1976	202313
Hansen et al.	1976	202313
Hansen et al.	1976	202313
Hansen et al.	1976	202313
Hany et al.	1999	202314
Hany et al.	1999	202314
Hany et al.	1999	202314
Hany et al.	1999	202314

heart weight
liver fat
liver weight
spleen weight
testis weight
kidney weight
serum T4
pituitary histopathology
pituitary weight
thyroid histopathology
liver histopathology
liver weight, liver enlargement
testes and epididymis histopathology
seminal vesicle, caudal epididymis weight, testis weight
serum testosterone
caudal sperm count, testicular sperm head count, sperm motility, daily sperm production
kidney histopathology (tubular casts)
kidney weight
heart weight
litter size, litter number, offspring mortality
body weight and growth
adrenal histopathology
adrenal weight
thyroid histopathology
thyroid weight
GI histopathology
liver gross pathology and histopathology
relative liver weight
spleen wt of sows and offspring
relative brain weight, brain gross pathology and histopathology
number of farrowed offspring, pregnancy rate
ovarian histopathology
kidney histopathology
kidney weight
heart weight
adrenal weight
thyroid weight
GI histopathology
liver weight
spleen wt
brain weight
pulmonary pathologic lesions
kidney weight
litter size, litter number
litter size, litter number
sex ratio
sex ratio

Heart Size/Weight	Cardiovascular
Liver Lipids/Steatosis	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Immune Organ Size/Weight	Immune System
Reproductive Organ Size/Weight (M)	Reproductive
Kidney Weight	Urinary System
HPT Hormones	Endocrine
Pituitary Histopathology	Endocrine
Pituitary Weight	Endocrine
Thyroid Histopathology	Endocrine
Liver Histopathology	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Reproductive Organ Histopathology (M)	Reproductive
Reproductive Organ Size/Weight (M)	Reproductive
Sex Hormone Levels (M)	Reproductive
Sperm/semen parameters	Reproductive
Kidney Histopathology	Urinary System
Kidney Weight	Urinary System
Heart Size/Weight	Cardiovascular
Offspring Mortality	Developmental
Weight and Size (Early Life)	Developmental
Adrenal Histopathology	Endocrine
Adrenal Weight	Endocrine
Thyroid Histopathology	Endocrine
Thyroid Size/Weight	Endocrine
Gastrointestinal Histopathology	Gastrointestinal
Liver Histopathology	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Immune Organ Size/Weight	Immune System
Brain Weight & Histopathology	Nervous System
Pregnancy/Conception Rate	Reproductive
Reproductive Organ Histopathology (F)	Reproductive
Kidney Histopathology	Urinary System
Kidney Weight	Urinary System
Heart Size/Weight	Cardiovascular
Adrenal Weight	Endocrine
Thyroid Size/Weight	Endocrine
Gastrointestinal Histopathology	Gastrointestinal
Liver Weight/Hepatomegaly	Hepatobiliary
Immune Organ Size/Weight	Immune System
Brain Weight & Histopathology	Nervous System
Pulmonary Histopathology	Respiratory
Kidney Weight	Urinary System
Offspring mortality	Developmental
Offspring mortality	Developmental
Sex ratio	Reproductive
Sex ratio	Reproductive

Aroclor 1254
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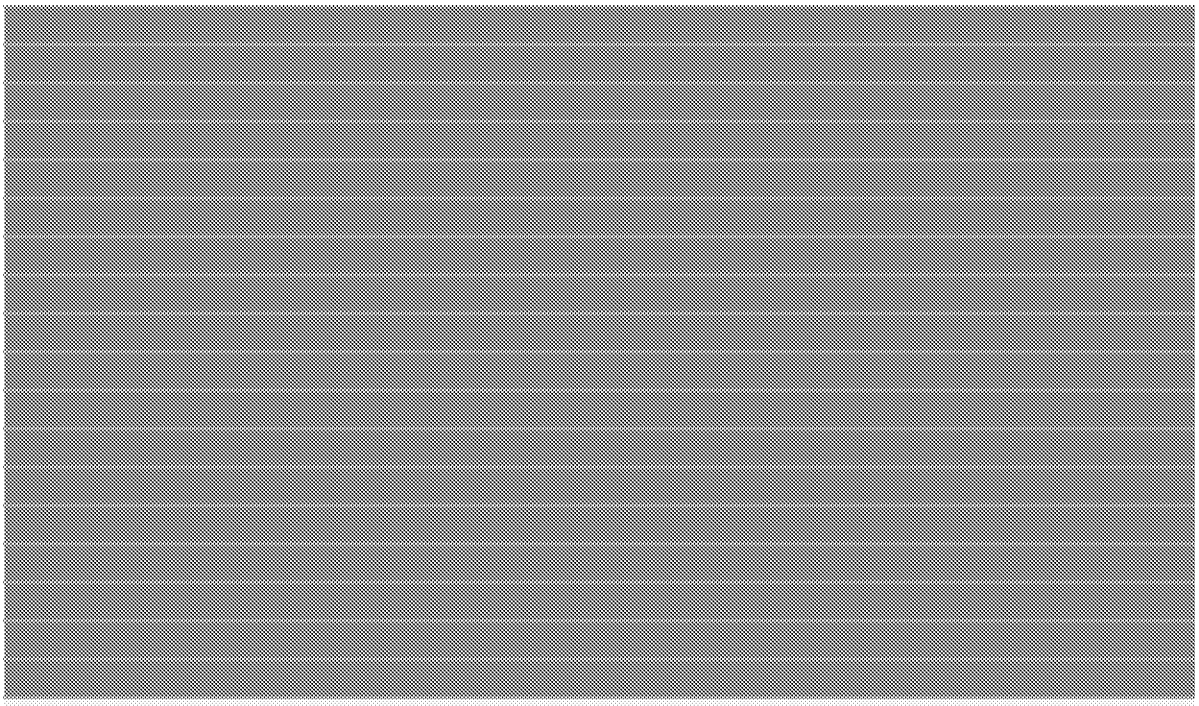
Aroclor 1254
Breast milk mixture: PCBs 28, 77, 101, 105, 118, 126, 138, 146, 153, 156, 169, 170, 180, 187
Aroclor 1254
Breast milk mixture: PCBs 28, 77, 101, 105, 118, 126, 138, 146, 153, 156, 169, 170, 180, 187

Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Swine	Oral-diet	
Swine	Oral-diet	
Swine	Oral-diet	
Swine	Oral-diet	
Swine	Oral-diet	
Swine	Oral-diet	
Swine	Oral-diet	
Swine	Oral-diet	
Swine	Oral-diet	
Swine	Oral-diet	
Swine	Oral-diet	
Swine	Oral-diet	
Swine	Oral-diet	
Swine	Oral-diet	
Swine	Oral-diet	
Swine	Oral-diet	
Swine	Oral-diet	
SheepSwine	Oral-diet	
SheepSwine	Oral-diet	
SheepSwine	Oral-diet	
SheepSwine	Oral-diet	
SheepSwine	Oral-diet	
SheepSwine	Oral-diet	
SheepSwine	Oral-diet	
SheepSwine	Oral-diet	
SheepSwine	Oral-diet	
Rat	Oral-diet	Secondary
Rat	Oral-diet	Secondary
Rat	Oral-diet	Secondary
Rat	Oral-diet	Secondary

NR (440 g males)		1	
NR (440 g males)		1	
NR (440 g males)		1	
NR (440 g males)		1	
NR (440 g males)		1	
NR (440 g males)		1	
	31	105	
	31		
	31	70	
	31		
	31	105	
	31	105	
	31		
	31	70	
	31		
	31	105	
	31	105	
	31	105	



	0	500	500
	0	500	500
	0	500	500
	0	500	500
	0	500	500
	0	500	500
	0	0.1	25
	0	0.1	25
	0	0.1	25
	0	0.1	25
	0	0.1	25
	0	0.1	25
	0	0.1	25
	0	0.1	25
	0	0.1	25
	0	0.1	25
	0	0.1	25
	0	0.1	25

N/A	500		
N/A	500		
N/A	500		
N/A	500		
N/A	500		
N/A	500		
N/A	0.1		
25 N/A			N/A
10	25		
25 N/A			N/A
0.1	1		
0.1	1		
25 N/A			N/A
10	25		
25 N/A			N/A
10	25		
0.1	1		
10	25		

Male rats were dosed once on day 2 and then sacrificed on day 8, 12, or 47. LOAEL is based on a significant change in hea

Male rats were dosed once on day 2. Data shown from Experiment II Group 2, sacrifices at days 8 and 12. See Table II anc

Male rats were dosed once on day 2 and then sacrificed on day 8, 12, or 47. LOAEL is based on a significant change in live

Male rats were dosed once on day 2 and then sacrificed on day 8, 12, or 47. LOAEL is based on a significant change in sple

Male rats were dosed once on day 2 and then sacrificed on day 8, 12, or 47. LOAEL is based on a significant increase in rel

Male rats were dosed once on day 2 and then sacrificed on day 8, 12, or 47. LOAEL is based on a significant change in kidr

Weanling male rats were dosed with 0, 0.1, 10, or 25 mg/kg-day for 5, 10, or 15 weeks. Significant reduction in thyroxine

Weanling male rats were dosed with 0, 0.1, 10, or 25 mg/kg-day for 5, 10, or 15 weeks. Significant decrease in absolute p

Weanling male rats were dosed with 0, 0.1, 10, or 25 mg/kg-day for 5, 10, or 15 weeks. 100% of animals had hepatocellul

Weanling male rats were dosed with 0, 0.1, 10, or 25 mg/kg-day for 5, 10, or 15 weeks. Significant increase in absolute liv

Weanling male rats were dosed with 0, 0.1, 10, or 25 mg/kg-day for 5, 10, or 15 weeks. Text states that there were no co

Weanling male rats were dosed with 0, 0.1, 10, or 25 mg/kg-day for 5, 10, or 15 weeks. LOAEL based on decreased semir

Weanling male rats were dosed with 0, 0.1, 10, or 25 mg/kg-day for 5, 10, or 15 weeks. No effect on serum or IF testoste

Weanling male rats were dosed with 0, 0.1, 10, or 25 mg/kg-day for 5, 10, or 15 weeks. LOAEL based on decreased cauda

Weanling male rats were dosed with 0, 0.1, 10, or 25 mg/kg-day for 5, 10, or 15 weeks. 20% of animals had tubular casts

Weanling male rats were dosed with 0, 0.1, 10, or 25 mg/kg-day for 5, 10, or 15 weeks. Significant increase in absolute ki

22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
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CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE

Geniece
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Hany et al.	1999	202314
Hany et al.	1999	202314
Hany et al.	1999	202314
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Hany et al.	1999	202314
Hany et al.	1999	202314
Hany et al.	1999	202314
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Hany et al.	1999	202314
Hany et al.	1999	202314
Harper et al.	1995	202317
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Harper et al.	1995	202317
Harper et al.	1995	202317
Harris et al.	1993	202318
Harris et al.	1993	202318
Harris et al.	1993	202318
Harris et al.	1993	202318
Harris et al.	1993	202318
Harris et al.	1993	202318
Harris et al.	1993	202318
Harris et al.	1993	202318
Harris et al.	1993	202318
Harris et al.	1993	202318
Herr et al.	1996	202323
Hornshaw et al.	1986	202328
Hornshaw et al.	1986	202328

pup weight
pup weight
pituitary weight
pituitary weight
thyroid weight
thyroid weight
liver weight (F0)
liver weight (F0)
liver weight (F1)
liver weight (F1)
brain weight
brain weight
sex-specific behavior
sex-specific behavior
litter size, litter number
litter size, litter number
uterus weight
uterus weight
testis and prostate weights
testis and prostate weights
serum estradiol and testosterone (F0 females)
serum estradiol and testosterone (F0 females)
serum estradiol and testosterone (F1 females)
serum estradiol and testosterone (F1 females)
serum testosterone (males)
serum testosterone (males)
hepatic microsomal EROD activity
hepatic microsomal EROD activity
hepatic microsomal EROD activity
hepatic microsomal EROD activity
splenic PFC response, serum anti-TNP IgM titer
splenic PFC response, serum anti-TNP IgM titer
splenic PFC response, serum anti-TNP IgM titer
splenic PFC response, serum anti-TNP IgM titer
Microsomal AHH, EROD, PROD
Microsomal AHH, EROD, PROD
Microsomal AHH, EROD, PROD
Microsomal AHH, EROD, PROD
Microsomal AHH, EROD, PROD
thymus wt
thymus wt
thymus wt
thymus wt
thymus wt
brainstem auditory evoked responses, cochlear and auditory function
hydropericardium
heart weight

Weight and size (early life)	Developmental
Weight and size (early life)	Developmental
Pituitary weight	Endocrine
Pituitary weight	Endocrine
Thyroid Size/Weight	Endocrine
Thyroid Size/Weight	Endocrine
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Brain Weight & Histopathology	Nervous System
Brain Weight & Histopathology	Nervous System
Emotional state/affective behavior	Nervous System
Emotional state/affective behavior	Nervous System
Pregnancy/conception rate	Reproductive
Pregnancy/conception rate	Reproductive
Reproductive Organ Size/Weight (F)	Reproductive
Reproductive Organ Size/Weight (F)	Reproductive
Reproductive Organ Size/Weight (M)	Reproductive
Reproductive Organ Size/Weight (M)	Reproductive
Sex Hormone Levels (F)	Reproductive
Sex Hormone Levels (F)	Reproductive
Sex Hormone Levels (F)	Reproductive
Sex Hormone Levels (F)	Reproductive
Sex Hormone Levels (M)	Reproductive
Sex Hormone Levels (M)	Reproductive
Liver Enzyme Induction	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Antibody Responses	Immune System
Antibody Responses	Immune System
Antibody Responses	Immune System
Antibody Responses	Immune System
Liver Enzyme Induction	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Immune Organ Size/Weight	Immune System
Immune Organ Size/Weight	Immune System
Immune Organ Size/Weight	Immune System
Immune Organ Size/Weight	Immune System
Immune Organ Size/Weight	Immune System
Visual, Auditory, and Olfactory Function	Nervous System
Cardiovascular Histopathology	Cardiovascular
Heart Size/Weight	Cardiovascular

Aroclor 1254
Breast milk mixture: PCBs 28, 77, 101, 105, 118, 126, 138, 146, 153, 156, 169, 170, 180, 187
Aroclor 1254
Breast milk mixture: PCBs 28, 77, 101, 105, 118, 126, 138, 146, 153, 156, 169, 170, 180, 187
Aroclor 1254
Breast milk mixture: PCBs 28, 77, 101, 105, 118, 126, 138, 146, 153, 156, 169, 170, 180, 187
Aroclor 1254
Breast milk mixture: PCBs 28, 77, 101, 105, 118, 126, 138, 146, 153, 156, 169, 170, 180, 187
Aroclor 1254
Breast milk mixture: PCBs 28, 77, 101, 105, 118, 126, 138, 146, 153, 156, 169, 170, 180, 187
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Breast milk mixture: PCBs 28, 77, 101, 105, 118, 126, 138, 146, 153, 156, 169, 170, 180, 187
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Breast milk mixture: PCBs 28, 77, 101, 105, 118, 126, 138, 146, 153, 156, 169, 170, 180, 187
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Breast milk mixture: PCBs 28, 77, 101, 105, 118, 126, 138, 146, 153, 156, 169, 170, 180, 187
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Breast milk mixture: PCBs 28, 77, 101, 105, 118, 126, 138, 146, 153, 156, 169, 170, 180, 187
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Breast milk mixture: PCBs 28, 77, 101, 105, 118, 126, 138, 146, 153, 156, 169, 170, 180, 187
Aroclor 1254
Breast milk mixture: PCBs 28, 77, 101, 105, 118, 126, 138, 146, 153, 156, 169, 170, 180, 187
Aroclor 1254
Breast milk mixture: PCBs 28, 77, 101, 105, 118, 126, 138, 146, 153, 156, 169, 170, 180, 187
Aroclor 1254
Breast milk mixture: PCBs 28, 77, 101, 105, 118, 126, 138, 146, 153, 156, 169, 170, 180, 187
Aroclor 1242
Aroclor 1248
Aroclor 1254
Aroclor 1260
Aroclor 1242
Aroclor 1248
Aroclor 1254
Aroclor 1260
Aroclor 1232
Aroclor 1242
Aroclor 1248
Aroclor 1254
Aroclor 1260
Aroclor 1232
Aroclor 1242
Aroclor 1248
Aroclor 1254
Aroclor 1260
Aroclor 1254
Aroclor 1254
Aroclor 1254

Rat	Oral-diet	Secondary
Rat	Oral-diet	Secondary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Secondary
Rat	Oral-diet	Secondary
Rat	Oral-diet	Secondary
Rat	Oral-diet	Secondary
Rat	Oral-diet	Secondary
Rat	Oral-diet	Secondary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Secondary
Rat	Oral-diet	Secondary
Rat	Oral-diet	Secondary
Rat	Oral-diet	Secondary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Secondary
Rat	Oral-diet	Secondary
Rat	Oral-diet	Secondary
Rat	Oral-diet	Secondary
Mouse	Injection-ip	Primary
Mouse	Injection-ip	Primary
Mouse	Injection-ip	Primary
Mouse	Injection-ip	Primary
Mouse	Injection-ip	Primary
Mouse	Injection-ip	Primary
Mouse	Injection-ip	Primary
Mouse	Injection-ip	Primary
Rat	Injection-ip	Primary
Rat	Injection-ip	Primary
Rat	Injection-ip	Primary
Rat	Injection-ip	Primary
Rat	Injection-ip	Primary
Rat	Injection-ip	Primary
Rat	Injection-ip	Primary
Rat	Injection-ip	Primary
Rat	Injection-ip	Primary
Rat	Injection-ip	Primary
Rat	Oral-gavage	Secondary
Mink	Oral-diet	Primary
Mink	Oral-diet	Primary

		no	7
		no	7
40	72		
40	72		
40	72		
40	72		
40	72		
		no	7
		no	7
		no	7
		no	7
		no	7
		no	7
		no	7
40	72		
		no	7
		no	7
52.5	1		
52.5	1		
52.5	1		
52.5	1		
52.5	1		
52.5	1		
52.5	1		
52.5	1		
NR (immature males, 100-120g)	1		
NR (immature males, 100-120g)	1		
NR (immature males, 100-120g)	1		
NR (immature males, 100-120g)	1		
NR (immature males, 100-120g)	1		
		no	10
402	28		
126	28		

	-50	22	N/A	N/A	0
	-50	22	N/A	N/A	0
	-50	22	N/A	N/A	0
	-50	22	N/A	N/A	0
	-50	22	N/A	N/A	21
	-50	22	N/A	N/A	21
	-50	22	N/A	N/A	21
	-50	22	N/A	N/A	21
	-50	22	N/A	N/A	21
	-50	22	N/A	N/A	21
	-50	22	N/A	N/A	21
	6	43	N/A	N/A	21

22	3	0	4	4
22	3	0	4	4
		0	4	4
		0	4	4
		0	4	4
		0	4	4
		0	4	4
22	3	0	4	4
22	3	0	4	4
43	2	0	4	4
202	2	0	4	4
43	2	0	4	4
192	2	0	4	4
192	2	0	4	4
		0	4	4
192	2	0	4	4
192	2	0	4	4
		0	50	1000
		0	50	1000
		0	50	1000
		0	50	1000
		0	50	1000
		0	50	1000
		0	50	1000
		0	50	1000
		0	10	2000
		0	10	2000
		0	10	2000
		0	10	2000
		0	10	2000
387	2	0	1	8
		0	0.79	3.78
		0	1.71	9.72

N/A		4	N/A
N/A		4	N/A
N/A		4	
N/A		4	
			N/A
N/A		4	
N/A		4	
N/A		4	
N/A		4	N/A
N/A		4	N/A
			N/A
N/A		4	N/A
			N/A
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			N/A
			N/A
			N/A
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			N/A
N/A		4	
			N/A
			N/A
N/A		4	N/A
N/A		4	N/A
N/A		50	
N/A		50	
	50	100	
N/A		50	
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	50	100	
N/A		50	
	10	40	
N/A		10	
N/A		10	
N/A		10	
	10	40	
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N/A		1	N/A
N/A		0.79	
	3.13	4.74	

Dosing for 50 days prior to mating and throughout gestation (rats); litter weight altered at birthRats were fed food pellets
Dosing for 50 days prior to mating and throughout gestation (rats); litter weight altered at birthRats were fed food pellets
Dosing for 50 days prior to mating and throughout gestation (rats); pituitary weight in dams altered at PND0Rats were fed
Dosing for 50 days prior to mating and throughout gestation (rats); pituitary weight in dams altered at PND0Rats were fed

Dosing for 50 days prior to mating and throughout gestation (rats); thyroid weight in dams altered at PND0Rats were fed
Dosing for 50 days prior to mating and throughout gestation (rats); liver weight in dams altered at PND0Rats were fed foc
Dosing for 50 days prior to mating and throughout gestation (rats); liver weight in dams altered at PND21 (dosing was dis
Dosing for 50 days prior to mating and throughout gestation (rats); pup liver weight altered at birthRats were fed food pe
Dosing for 50 days prior to mating and throughout gestation (rats); pup liver weight altered at birthRats were fed food pe

Dosing for 50 days prior to mating and throughout gestation (rats); pup brain weight altered at PND21Rats were fed food

Dosing for 50 days prior to mating and throughout gestation (rats); sweet preference altered at PND180Rats were fed foo

Dosing for 50 days prior to mating and throughout gestation (rats); pup uterine weight altered at PND21Rats were fed foc
Dosing for 50 days prior to mating and throughout gestation (rats); testes weight altered at PND170Rats were fed food pe
Dosing for 50 days prior to mating and throughout gestation (rats); testes weight altered at PND170Rats were fed food pe

Dosing for 50 days prior to mating and throughout gestation (rats); E2/T ratio in dams altered at PND0Rats were fed food

Dosing for 50 days prior to mating and throughout gestation (rats); serum testosterone altered at PND170Rats were fed f
Dosing for 50 days prior to mating and throughout gestation (rats); serum testosterone altered at PND170Rats were fed f
Female mice 7-8 weeks old given single ip injection of 50, 100, 500, or 1000 mg/kg. Immunized day 2, sacrificed day 6. Sig
Female mice 7-8 weeks old given single ip injection of 50, 100, 500, or 1000 mg/kg. Immunized day 2, sacrificed day 6. Sig
Female mice 7-8 weeks old given single ip injection of 50, 100, 500, or 1000 mg/kg. Immunized day 2, sacrificed day 6. Sig
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Female mice 7-8 weeks old given single ip injection of 50, 100, 500, or 1000 mg/kg. Immunized day 2, sacrificed day 6. Sig
Female mice 7-8 weeks old given single ip injection of 50, 100, 500, or 1000 mg/kg. Immunized day 2, sacrificed day 6. Sig
Immature male rats (100-120g) were i.p. injected once Aroclor 1232 at doses 10, 40, 160, 480, and 2000 mg/kg and were
Immature male rats (100-120g) were i.p. injected once Aroclor 1242 at doses 10, 40, 160, 480, and 2000 mg/kg and were
Immature male rats (100-120g) were i.p. injected once Aroclor 1248 at doses 10, 40, 160, 480, and 2000 mg/kg and were
Immature male rats (100-120g) were i.p. injected once Aroclor 1254 at doses 10, 40, 160, 480, and 2000 mg/kg and were
Immature male rats (100-120g) were i.p. injected once Aroclor 1260 at doses 10, 40, 160, 480, and 2000 mg/kg and were
Immature male rats (100-120g) were i.p. injected once Aroclor 1232 at doses 10, 40, 160, 480, and 2000 mg/kg and were
Immature male rats (100-120g) were i.p. injected once Aroclor 1242 at doses 10, 40, 160, 480, and 2000 mg/kg and were
Immature male rats (100-120g) were i.p. injected once Aroclor 1248 at doses 10, 40, 160, 480, and 2000 mg/kg and were
Immature male rats (100-120g) were i.p. injected once Aroclor 1254 at doses 10, 40, 160, 480, and 2000 mg/kg and were
Immature male rats (100-120g) were i.p. injected once Aroclor 1260 at doses 10, 40, 160, 480, and 2000 mg/kg and were
Rat dams dosed from GD6 through PND 21. BAERs assessed at 1 year of age. The discussion identifies a LOEL of 1 mg/kg-
A 28d diet study using Aroclor 1254 was done with 3 different tests. TEST I: 13-17wks of age + 3wk acclimation, doses cal
A 28d diet study using Aroclor 1254 was done with 3 different tests. TEST I: 13-17wks of age + 3wk acclimation, doses cal

22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
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22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
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18	0.9	0.229	0.264	6	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
52	0.9	0.312	0.066	5	56 COMPLETE
52	0.9	0.312	0.066	5	56 COMPLETE

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Hornshaw et al.	1986	202328
Hornshaw et al.	1986	202328
Hornshaw et al.	1986	202328
Hornshaw et al.	1986	202328
Hornshaw et al.	1986	202328
Hornshaw et al.	1986	202328
Hornshaw et al.	1986	202328
Iatropoulos et al.	1978	202339
Iatropoulos et al.	1978	202339
Iatropoulos et al.	1978	202339
Iatropoulos et al.	1978	202339
Iatropoulos et al.	1978	202339
Iatropoulos et al.	1978	202339
Iatropoulos et al.	1978	202339
Iatropoulos et al.	1978	202339
Iatropoulos et al.	1978	202339
Iatropoulos et al.	1978	202339
Iatropoulos et al.	1978	202339
Iatropoulos et al.	1978	202339
Iatropoulos et al.	1978	202339
Iatropoulos et al.	1978	202339
Iatropoulos et al.	1978	202339
Iatropoulos et al.	1978	202339
Iatropoulos et al.	1978	202339
Iatropoulos et al.	1978	202339
Imanishi et al.	1980	202340
Imanishi et al.	1980	202340
Imanishi et al.	1980	202340
Imanishi et al.	1980	202340
Ito et al.	1973	202341
Ito et al.	1973	202341
Ito et al.	1973	202341
Ito et al.	1973	202341
Ito et al.	1973	202341
Ito et al.	1973	202341
Jansen et al.	1993	202349
Jansen et al.	1993	202349
Kasza et al.	1978	202359
Kato et al.	1981	202360
Kato et al.	1981	202360
Kato et al.	1981	202360
Kato et al.	1981	202360
Kato et al.	1982	202361
Kato et al.	1982	202361
Kato et al.	1982	202361
Kato et al.	1982	202361

adrenal weight
tarry stools, intestinal bleeding, ascites
gastric ulcers
liver weight
spleen wt
listlessness, nervousness
kidney weight
heart histopathology
body weights in offspring
adrenal histopathology
parathyroid histopathology
pituitary histopathology
thyroid histopathology
histopathology: lips, tongue, oral cavity, anus, salivary glands, stomach, duodenum, jejunum, ileum, colon, esophagus
liver histopathology
lymph node histopathology
pancreatic histopathology
limb examination, femur histopathology
central nervous system histopathology
severe depression/ataxia (P0)
severe depression/ataxia (F1)
eye histopathology
histopathology: vagina, mammary tissue, ovaries, uterus
histopathology: lung, trachea
kidney damage (vacuolation, dilation of proximal tubules)
urinary bladder histopathology
liver weight
poly(I:C) induced interferon
spleen weight
mortality due to HSV or EV infection
liver morphology, liver histopathology, liver nodules
liver morphology, liver histopathology, liver nodules
liver morphology, liver histopathology, liver nodules
liver weight (initial and final), relative liver weights
liver weight (initial and final), relative liver weights
liver weight (initial and final), relative liver weights
height of the uterine epithelium, number of uterine glands
uterine weight
thyroid histopathology
trig
liver cholesterol and relationship between serum and liver cholesterol
lipid profile
liver level of ascorbic acid, serum ascorbic acid levels
serum triglyceride, serum phospholipid
liver cholesterol, serum cholesterol, HDL cholesterol
liver triglyceride, liver phospholipid, liver total lipids
liver weight

Adrenal Weight	Endocrine
Digestive System Complaints/Diseases	Gastrointestinal
Gastric Ulcer	Gastrointestinal
Liver Weight/Hepatomegaly	Hepatobiliary
Immune Organ Size/Weight	Immune System
Neurological Symptoms	Nervous System
Kidney Weight	Urinary System
Cardiovascular Histopathology	Cardiovascular
Weight and Size (Early Life)	Developmental
Adrenal Histopathology	Endocrine
Parathyroid Histopathology	Endocrine
Pituitary Histopathology	Endocrine
Thyroid Histopathology	Endocrine
Gastrointestinal Histopathology	Gastrointestinal
Liver Histopathology	Hepatobiliary
Immune Organ Histopathology	Immune System
Pancreatic Histopathology	Metabolic
Bone Histopathology	Musculoskeletal
Brain Weight & Histopathology	Nervous System
Motor Function/Development	Nervous System
Motor Function/Development	Nervous System
Ocular Histopathology	Ocular
Reproductive Organ Histopathology (F)	Reproductive
Pulmonary Histopathology	Respiratory
Kidney Histopathology	Urinary System
Urinary Bladder Histopathology	Urinary System
Liver Weight/Hepatomegaly	Hepatobiliary
Ex Vivo WBC Function	Immune System
Immune Organ Size/Weight	Immune System
Susceptibility to Infection	Immune System
Liver Histopathology	Hepatobiliary
Liver Histopathology	Hepatobiliary
Liver Histopathology	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Reproductive Organ Histopathology (F)	Reproductive
Reproductive Organ Size/Weight (F)	Reproductive
Thyroid Histopathology	Endocrine
Blood Triglycerides	Hepatobiliary
Cholesterol	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Micronutrients	Hepatobiliary
Blood Triglycerides	Hepatobiliary
Cholesterol	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary

Aroclor 1254
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Clophen A30
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Kanechlor 500
Kanechlor 500
Kanechlor 500
Kanechlor 500
Kanechlor 300
Kanechlor 400
Kanechlor 500
Kanechlor 300
Kanechlor 400
Kanechlor 500
Aroclor 1242
Aroclor 1242
Aroclor 1254
Aroclor 1248
Aroclor 1248
Aroclor 1248
Aroclor 1248
Aroclor 1248
Aroclor 1248
Aroclor 1248

Mink	Oral-diet	Primary
Mink	Oral-diet	Primary
Mink	Oral-diet	Primary
Mink	Oral-diet	Primary
Mink	Oral-diet	Primary
Mink	Oral-diet	Primary
Mink	Oral-diet	Primary
Rhesus monkey	Oral-gavage	Secondary
Rhesus monkey	Oral-gavage	Secondary
Rhesus monkey	Oral-gavage	Secondary
Rhesus monkey	Oral-gavage	Secondary
Rhesus monkey	Oral-gavage	Secondary
Rhesus monkey	Oral-gavage	Secondary
Rhesus monkey	Oral-gavage	Secondary
Rhesus monkey	Oral-gavage	Secondary
Rhesus monkey	Oral-gavage	Secondary
Rhesus monkey	Oral-gavage	Secondary
Rhesus monkey	Oral-gavage	Secondary
Rhesus monkey	Oral-gavage	Secondary
Rhesus monkey	Oral-gavage	Primary
Rhesus monkey	Oral-gavage	Secondary
Rhesus monkey	Oral-gavage	Secondary
Rhesus monkey	Oral-gavage	Secondary
Rhesus monkey	Oral-gavage	Secondary
Rhesus monkey	Oral-gavage	Secondary
Rhesus monkey	Oral-gavage	Secondary
Mouse	Oral-diet	Primary
Mouse	Oral-diet	Primary
Mouse	Oral-diet	Primary
Mouse	Oral-diet	Primary
Mouse	Oral-diet	Primary
Mouse	Oral-diet	Primary
Mouse	Oral-diet	Primary
Mouse	Oral-diet	Primary
Mouse	Oral-diet	Primary
Mouse	Oral-diet	Primary
Rat	Injection-ip	Primary
Rat	Injection-ip	Primary
Rat	Oral-diet	Primary
Guinea pig	Oral-diet	
Guinea pig	Oral-diet	
Guinea pig	Oral-diet	
Guinea pig	Oral-diet	
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary

	402	28	
	402	11	
	402	28	
	402	28	
	402	11	
	126	28	
			no 1
			no 1
			no 1
			no 1
NR		22	
			no 1
			no 1
	28	31	
	28	29	
	56	224	
	56	224	
	56	224	
	56	224	
	56	224	
	56	224	
	20	2	
	28	35	
NR(65-85 g, males)		12	
NR(65-85 g, males)		12	
NR(65-85 g, males)		12	
NR(65-85 g, males)		12	

214	236 N/A	N/A	68
252	280 N/A	N/A	112
214	236 N/A	N/A	68
214	236 N/A	N/A	68
214	236 N/A	N/A	68
214	236 N/A	N/A	68

		0	0.79	3.78
		0	0.79	3.78
		0	0.79	3.78
		0	0.79	3.78
		0	0.79	3.78
		0	1.71	9.72
236	4	0	16	16
280	4	0	16	16
236	4	0	16	16
236	4	0	16	16
		0	16	16
236	4	0	16	16
236	4	0	16	16
		1	18	66
		1	18	66
		1	100	500
		1	100	500
		1	100	500
		1	100	500
		1	100	500
		1	100	500
		0	1.43	143
		1	5	500
		1	100	100
		1	100	100
		1	100	100
		1	100	100

	0.79	1.13	
	1.79	3.46	
N/A		0.79	
	1.79	3.46	
			N/A
	1.79	3.46	
	6.8	9.72	
			N/A
N/A		16	N/A
N/A		16	N/A
			N/A
			N/A
			N/A
			N/A
N/A		16	N/A
			N/A
			N/A
			N/A
N/A		16	N/A
N/A		16	
N/A		16	N/A
			N/A
			N/A
			N/A
N/A		16	N/A
			N/A
N/A		18	
			N/A
			N/A
N/A		18	
N/A		100	
N/A		100	
N/A		100	
N/A		100	
N/A		100	
N/A		100	
			N/A
N/A		1.43	
	5	50	
N/A		100	
N/A		100	
N/A		100	
N/A		100	

A 28d diet study using Aroclor 1254 was done with 3 different tests. TEST I: 13-17wks of age + 3wk acclimation, doses cal
A 28d diet study using Aroclor 1254 was done with 3 different tests. TEST I: 13-17wks of age + 3wk acclimation, doses cal
A 28d diet study using Aroclor 1254 was done with 3 different tests. TEST I: 13-17wks of age + 3wk acclimation, doses cal
A 28d diet study using Aroclor 1254 was done with 3 different tests. TEST I: 13-17wks of age + 3wk acclimation, doses cal
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A 28d diet study using Aroclor 1254 was done with 3 different tests. TEST I: 13-17wks of age + 3wk acclimation, doses cal
A 28d diet study using Aroclor 1254 was done with 3 different tests. TEST I: 13-17wks of age + 3wk acclimation, doses cal
Treatment given to 3 lactating mothers via gavage (16mg/kg-d). Mothers and infants pairs were caged separately. 3 Rhes
Treatment given to 3 lactating mothers via gavage (16mg/kg-d). Mothers and infants pairs were caged separately. 3 Rhes
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Treatment given to 3 lactating mothers via gavage (16mg/kg-d). Mothers and infants pairs were caged separately. 3 Rhes
Four week old male ICR mice were dosed with 100, 200, or 500 ug of Kanechlor 500 per g of feed. Authors note that the
100ug of poly c induced 500 Units of interferon within 3 hrs in control mice and remained same. PCBS did not induce it in

Four week old male ICR mice were dosed with 100, 200, or 500 ug of Kanechlor 500 per g of feed. Authors note that the

Female rats at PND20 dosed for 1 or 2 days with 80,320,640 µg, 2.56 mg, or 8 mg A1242. A1242 not described as affectin
Female rats at PND20 dosed for 1 or 2 days with 80,320,640 µg, 2.56 mg, or 8 mg A1242. Two doses at 80 ug resulted in s
4-week old rats given diet of A1254 at 5, 50, or 500 ppm for 5 weeks. "Thyroid glands of rats fed 50 ppm... were compos

Male rats weight 65-85g were fed diets containing 0.1% Aroclor 1248 for either 12 or 24 days depending on the endpoint
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52	0.9	0.312	0.066	5	56	COMPLETE
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52	0.9	0.312	0.066	5	56	COMPLETE
52	0.9	0.312	0.066	5	56	COMPLETE
52	0.9	0.312	0.066	5	56	COMPLETE
168	0.9	0.199	0.054	1	154	COMPLETE
168	0.9	0.199	0.054	1	154	COMPLETE
168	0.9	0.199	0.054	1	154	COMPLETE
168	0.9	0.199	0.054	1	154	COMPLETE
168	0.9	0.199	0.054	1	154	COMPLETE
168	0.9	0.199	0.054	1	154	COMPLETE
168	0.9	0.199	0.054	1	154	COMPLETE
168	0.9	0.199	0.054	1	154	COMPLETE
168	0.9	0.199	0.054	1	154	COMPLETE
168	0.9	0.199	0.054	1	154	COMPLETE
168	0.9	0.199	0.054	1	154	COMPLETE
168	0.9	0.199	0.054	1	154	COMPLETE
168	0.9	0.199	0.054	1	154	COMPLETE
168	0.9	0.199	0.054	1	154	COMPLETE
168	0.9	0.199	0.054	1	154	COMPLETE
168	0.9	0.199	0.054	1	154	COMPLETE
168	0.9	0.199	0.054	1	154	COMPLETE
168	0.9	0.199	0.054	1	154	COMPLETE
18	0.9	0.229	0.264	6	21	COMPLETE
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18	0.9	0.229	0.264	6	21	COMPLETE
18	0.9	0.229	0.264	6	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE

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Kato et al.	1982	202362
Kato et al.	1982	202362
Kato et al.	1982	202362
Kato et al.	1982	202362
Kato et al.	1982	202362
Kato et al.	1982	202362
Kihlstrom et al.	1975	202368
Kihlstrom et al.	1975	202368
Kihlstrom et al.	1975	202368
Kihlstrom et al.	1975	202368
Kihlstrom et al.	1975	202368
Kihlström et al.	1992	202369
Kihlström et al.	1992	202369
Kihlström et al.	1992	202369
Kihlström et al.	1992	202369
Kihlström et al.	1992	202369
Kihlström et al.	1992	202369
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Kihlström et al.	1992	202369
Kihlström et al.	1992	202369
Kihlström et al.	1992	202369
Kimbrough and Linder	1974	202372
Kimbrough and Linder	1974	202372
Kimbrough et al.	1972	202373
Kimbrough et al.	1972	202373
Kimbrough et al.	1972	202373
Kimbrough et al.	1972	202373
Kimbrough et al.	1972	202373
Kimbrough et al.	1972	202373
Kimbrough et al.	1972	202373
Kimbrough et al.	1972	202373
Kimbrough et al.	1972	202373
Kimbrough et al.	1972	202373
Kimbrough et al.	1972	202373
Kimbrough et al.	1972	202373
Kimbrough et al.	1972	202373
Kimbrough et al.	1972	202373

serum corticosterone
serum total, HDL, and LDL/VLDL cholesterol
levels of enzymes in liver (aniline hydroxylase, aminopyrine demethylase, microsomal protein)
liver total lipids
liver weight
liver ascorbic acid
number of implantations, % implantations, number of fetuses, resorption rate (control male/PCB female, PCB male/PCB
number of implantations, number of fetuses (PCB male/control female)
number of corpora lutea (control male/PCB female, PCB male/PCB female)
number of implantations, number of fetuses (control male/PCB female)
number of implantations, number of fetuses (PCB male/PCB female)
heart weight
heart weight
litter size, pup survival
litter size, pup survival
adrenal weight
adrenal weight
liver weight
liver weight
brain weight
brain weight
gestation length
gestation length
uterine implantation
uterine implantation
ovarian weight
ovarian weight
lung weight
lung weight
kidney weight
kidney weight
adenofibrosis, hepatomas
liver enlargement, liver weight
stomach hemorrhage
stomach hemorrhage
stomach histopathology
stomach histopathology
liver histopathology
liver histopathology
lipid accumulation
lipid accumulation
liver weight
liver weight
porphyria
porphyria
pancreatic histopathology
pancreatic histopathology

HPA Hormones	Endocrine
Cholesterol	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Micronutrients	Hepatobiliary
Offspring Mortality	Developmental
Male fertility	Reproductive
Ovulation	Reproductive
Pregnancy/conception rate	Reproductive
Time-to-Pregnancy & Couple/Pair Fertility	Reproductive
Heart Size/Weight	Cardiovascular
Heart Size/Weight	Cardiovascular
Offspring mortality	Developmental
Offspring mortality	Developmental
Adrenal weight	Endocrine
Adrenal weight	Endocrine
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Brain Weight & Histopathology	Nervous System
Brain Weight & Histopathology	Nervous System
Gestation Duration/Preterm Birth	Reproductive
Gestation Duration/Preterm Birth	Reproductive
Pregnancy/conception rate	Reproductive
Pregnancy/conception rate	Reproductive
Reproductive Organ Size/Weight (F)	Reproductive
Reproductive Organ Size/Weight (F)	Reproductive
Lung weight	Respiratory
Lung weight	Respiratory
Kidney weight	Urinary System
Kidney weight	Urinary System
Liver Histopathology	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Digestive System Complaints/Diseases	Gastrointestinal
Digestive System Complaints/Diseases	Gastrointestinal
Gastrointestinal Histopathology	Gastrointestinal
Gastrointestinal Histopathology	Gastrointestinal
Liver Histopathology	Hepatobiliary
Liver Histopathology	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Porphyrins	Hepatobiliary
Porphyrins	Hepatobiliary
Pancreatic Histopathology	Metabolic
Pancreatic Histopathology	Metabolic

Aroclor 1248
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Aroclor 1254
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Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Mouse	Injection-sc	Secondary
Mouse	Injection-sc	Secondary
Mouse	Injection-sc	Secondary
Mouse	Injection-sc	Secondary
Mouse	Injection-sc	Secondary
Mink	Oral-diet	Primary
Mink	Oral-diet	Primary
Mink	Oral-diet	Secondary
Mink	Oral-diet	Secondary
Mink	Oral-diet	Primary
Mink	Oral-diet	Primary
Mink	Oral-diet	Primary
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Mink	Oral-diet	Primary
Mouse	Oral-diet	Primary
Mouse	Oral-diet	Primary
Rat	Oral-diet	Primary
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Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary

NR (84-94g males)		20	
NR (84-94g males)		20	
NR (84-94g males)		20	
NR (84-94g males)		20	
NR (84-94g males)		20	
NR (84-94g males)		20	
			no 6
			no 6
			no 6
	365	79	
	730	84	
			no 5
			no 5
	365	79	
	730	84	
	365	79	
	730	84	
	365	79	
	730	84	
	365	74	
	730	79	
	365	22	
	730	27	
	365	79	
	730	84	
	365	79	
	730	84	
	365	79	
	730	84	
	38.5	182.5	
	38.5	182.5	
	25	243	
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	25	243	

19	40	N/A	N/A	21
19	40	N/A	N/A	21
19	40	N/A	N/A	21

-22	52	N/A	N/A	0
-27	52	N/A	N/A	0

		1	300	300
		1	300	300
		1	300	300
		1	300	300
		1	300	300
		1	300	300
95	4	0	7.14	7.14
95	4	0	7.14	7.14
95	4	0	7.14	7.14

		0	1.3	1.3
		0	2.1	2.1
52	3	0	1.3	1.3
52	3	0	2.1	2.1
		0	1.3	1.3
		0	2.1	2.1
		0	1.3	1.3
		0	2.1	2.1
		0	1.3	1.3
		0	2.1	2.1
		0	1.3	1.3
		0	2.1	2.1
		0	1.3	1.3
		0	2.1	2.1
		0	1.3	1.3
		0	2.1	2.1
		0	1.3	1.3
		0	2.1	2.1
		0	1.3	1.3
		0	2.1	2.1
		1	300	300
		1	300	300
		0	10000	10000
		0	4000	4000
		0	10000	10000
		0	4000	4000
		0	1.4	36.4
		0	1.4	71.4
		0	1.4	36.4
		0	1.4	71.4
		0	1.4	36.4
		0	1.4	71.4
		0	1.4	36.4
		0	1.4	71.4
		0	10000	10000
		0	4000	4000

N/A		300	
N/A		300	
N/A		300	
N/A		300	
N/A		300	
N/A		300	
N/A		7.14	N/A
			N/A
N/A		7.14	N/A
N/A		7.14	N/A
			N/A
			N/A
			N/A
N/A		1.3	N/A
N/A		2.1	N/A
			N/A
			N/A
N/A		1.3	
N/A		2.1	
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			N/A
N/A		300	
N/A		300	
N/A		10000	
N/A		4000	
N/A		10000	
N/A		4000	
N/A		1.4	
N/A		1.4	
	1.4	6.8	
	1.4	6.5	
N/A		1.4	
N/A		1.4	
N/A		1.4	
N/A		1.4	
N/A		10000	
N/A		4000	

Male rats weighing between 84-94g were fed diets containing 300ppm Aroclor 1248 for 20 days. Serum corticosterone l
Male rats weighing between 84-94g were fed diets containing 300ppm Aroclor 1248 for 20 days. Total serum lipids and l
Male rats weighing between 84-94g were fed diets containing 300ppm Aroclor 1248 for 20 days. Enzymatic levels in the
Male rats weighing between 84-94g were fed diets containing 300ppm Aroclor 1248 for 20 days. Total liver lipids were a
Male rats weighing between 84-94g were fed diets containing 300ppm Aroclor 1248 for 20 days. Liver weight was altere
Male rats weighing between 84-94g were fed diets containing 300ppm Aroclor 1248 for 20 days. Liver ascorbic acid was
Mice injected at parturition with 50 mg/kg, once weekly for 3 weeks. 150mg/kg/21d = 7.14mg/kg/d. At sexual maturity (
Mice injected at parturition with 50 mg/kg, once weekly for 3 weeks. 150mg/kg/21d = 7.14mg/kg/d. At sexual maturity,
Mice injected at parturition with 50 mg/kg, once weekly for 3 weeks. 150mg/kg/21d = 7.14mg/kg/d. At sexual maturity,
Mice injected at parturition with 50 mg/kg, once weekly for 3 weeks. 150mg/kg/21d = 7.14mg/kg/d. At sexual maturity,
Mice injected at parturition with 50 mg/kg, once weekly for 3 weeks. 150mg/kg/21d = 7.14mg/kg/d. At sexual maturity (

Dosing from 2/16/1989 to 5/6-21/1989; mink were sacrificed at PND5; assume sacrifice on 5/6, kit mortality altered prior
Dosing from 2/8/1988 to 5/2-14/1988; mink were sacrificed at PND5; assume sacrifice on 5/2, kit mortality altered prior t

Dosing from 2/16/1989 to 5/6-21/1989; assume sacrifice on 5/61.64 mg/dam-day; average weight of a dam estimated to
Dosing from 2/8/1988 to 5/2-14/1988; assume sacrifice on 5/22 mg/dam-day; average weight of a dam estimated to be (

"Most livers of the 24 mice surviving 6 months of dietary exposure to PCB's followed by a 5-month recovery had enlarge
Liver weight data presented in Table 1.
3-4 week old rats were fed a diet containing 20, 100, or 500 ppm Aroclor 1254 for 8 months (8 *365d /12m = 243.3d). Dc
3-4 week old rats were fed a diet containing 20, 100, 500, or 1000 ppm Aroclor 1260 for 8 months (8 *365d /12m = 243.3
3-4 week old rats were fed a diet containing 20, 100, or 500 ppm Aroclor 1254 for 8 months (8 *365d /12m = 243.3d). Dc
3-4 week old rats were fed a diet containing 20, 100, 500, or 1000 ppm Aroclor 1260 for 8 months (8 *365d /12m = 243.3
3-4 week old rats were fed a diet containing 20, 100, or 500 ppm Aroclor 1254 for 8 months (8 *365d /12m = 243.3d). Dc
3-4 week old rats were fed a diet containing 20, 100, 500, or 1000 ppm Aroclor 1260 for 8 months (8 *365d /12m = 243.3
3-4 week old rats were fed a diet containing 20, 100, or 500 ppm Aroclor 1254 for 8 months (8 *365d /12m = 243.3d). Dc
3-4 week old rats were fed a diet containing 20, 100, 500, or 1000 ppm Aroclor 1260 for 8 months (8 *365d /12m = 243.3
3-4 week old rats were fed a diet containing 20, 100, or 500 ppm Aroclor 1254 for 8 months (8 *365d /12m = 243.3d). Dc
3-4 week old rats were fed a diet containing 20, 100, 500, or 1000 ppm Aroclor 1260 for 8 months (8 *365d /12m = 243.3
3-4 week old rats were fed a diet containing 20, 100, or 500 ppm Aroclor 1254 for 8 months (8 *365d /12m = 243.3d). Dc
3-4 week old rats were fed a diet containing 20, 100, 500, or 1000 ppm Aroclor 1260 for 8 months (8 *365d /12m = 243.3
3-4 week old rats were fed a diet containing 20, 100, or 500 ppm Aroclor 1254 for 8 months (8 *365d /12m = 243.3d). Dc
3-4 week old rats were fed a diet containing 20, 100, 500, or 1000 ppm Aroclor 1260 for 8 months (8 *365d /12m = 243.3

22	0.9	0.094	0.154	10	21 COMPLETE
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22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
52	0.9	0.312	0.066	5	56 COMPLETE
52	0.9	0.312	0.066	5	56 COMPLETE
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Kimbrough et al.	1972	202373
Kimbrough et al.	1972	202373
Kimura and Baba	1973	202375
Kimura and Baba	1973	202375
Kimura and Baba	1973	202375
Kimura and Baba	1973	202375
Kimura and Baba	1973	202375
Kimura and Baba	1973	202375
Kimura and Baba	1973	202375
Koller	1977	202385
Koller	1977	202385
Koller	1977	202385
Koller	1977	202385
Koller	1977	202385
Koller	1977	202385
Kunita et al.	1985	202394
Kunita et al.	1985	202394
Kunita et al.	1985	202394
Kunita et al.	1985	202394
Kunita et al.	1985	202394
Kunita et al.	1985	202394
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Kunita et al.	1985	202394
Kunita et al.	1985	202394
Kunita et al.	1985	202394
Kunita et al.	1985	202394
Litterst et al.	1972	202416
Litterst et al.	1972	202416
Litterst et al.	1972	202416
Litterst et al.	1972	202416
Litterst et al.	1972	202416
Litterst et al.	1972	202416
Litterst et al.	1972	202416
Litterst et al.	1972	202416
Litterst et al.	1972	202416
Litterst et al.	1972	202416
Litterst et al.	1972	202416
Litterst et al.	1972	202416
Loose et al.	1979	202419
Loose et al.	1979	202419
Loose et al.	1979	202419
Loose et al.	1979	202419

lung histopathology, pulmonary congestion
lung histopathology
depilation
fatty degeneration of the adrenal cortex
liver histopathology
relative liver weight
spleen atrophy
pneumonia, lung abscess, intracranial abscess
adipose histopathology
liver lesions of various kinds with severity graded as + to +++
liver lesions of various kinds with severity graded as + to +++
liver lesions of various kinds with severity graded as + to +++
liver weight
liver weight
liver weight
acneforms lesions on face
hair loss
enlargement of hyperkeratinosis of pilar pores, and the degeneration of hair root on the dorsal skin
serum triglycerides
cholesterol
cytochrome P450 induction, liver enzyme activity
liver weight
serum liver enzymes
suppression anti sheep red blood cell IgG (hemolysin titers)
hypertrophy of spleen
IgG blood levels
leucocytes
Meibomian retention cysts
periorbital edema
kidney hypertrophy
kidney hypertrophy
demethylation activities, nitroreduction of p-nitrobenzoic acid, hydroxylation of pentobarbital, cytochrome P-450 conten
demethylation activities, nitroreduction of p-nitrobenzoic acid, hydroxylation of pentobarbital, cytochrome P-450 conten
demethylation activities, nitroreduction of p-nitrobenzoic acid, hydroxylation of pentobarbital, cytochrome P-450 conten
demethylation activities, nitroreduction of p-nitrobenzoic acid, hydroxylation of pentobarbital, cytochrome P-450 conten
hepatic triglyceride concentrations
hepatic triglyceride concentrations
hepatic triglyceride concentrations
hepatic triglyceride concentrations
liver weight
liver weight
liver weight
liver weight
liver histopathology
antibody forming cell response
endotoxin sensitivity
spleen, thymus, lymph node histopathology

Pulmonary Histopathology	Respiratory
Pulmonary Histopathology	Respiratory
Alopecia	Dermal
Adrenal Histopathology	Endocrine
Liver Histopathology	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Immune Organ Size/Weight	Immune System
Susceptibility to Infection	Immune System
Adipose Tissue Histopathology	Metabolic
Liver Histopathology	Hepatobiliary
Liver Histopathology	Hepatobiliary
Liver Histopathology	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Acne/Chloracne	Dermal
Alopecia	Dermal
Dermal Histopathology	Dermal
Blood Triglycerides	Hepatobiliary
Cholesterol	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Serum Biomarkers of Liver Health & Function	Hepatobiliary
Antibody Responses	Immune System
Immune Organ Size/Weight	Immune System
Immunoglobulin Levels - Nonspecific	Immune System
White Blood Cell (WBC) Counts	Immune System
Meibomian (Tarsal) Gland Enlargement	Ocular
Periorbital Edema	Ocular
Kidney Histopathology	Urinary System
Kidney Weight	Urinary System
Liver Enzyme Induction	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Histopathology	Hepatobiliary
Antibody Responses	Immune System
Endotoxin Sensitivity	Immune System
Immune Organ Histopathology	Immune System

Aroclor 1254
Aroclor 1260
Kanechlor 400
Kanechlor 400
Kanechlor 400
Kanechlor 400
Kanechlor 400
Kanechlor 400
Kanechlor 400
Aroclor 1221
Aroclor 1242
Aroclor 1254
Aroclor 1221
Aroclor 1242
Aroclor 1254
PCBs
PCBs
PCBs
PCBs
PCBs
PCBs
PCBs
PCBs
PCBs
PCBs
PCBs
PCBs
PCBs
PCBs
PCBs
PCBs
Aroclor 1242
Aroclor 1248
Aroclor 1254
Aroclor 1260
Aroclor 1242
Aroclor 1248
Aroclor 1254
Aroclor 1260
Aroclor 1242
Aroclor 1248
Aroclor 1254
Aroclor 1260
Aroclor 1242
Aroclor 1242
Aroclor 1242
Aroclor 1242

Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Mouse	Oral-diet	Primary
Mouse	Oral-diet	Primary
Mouse	Oral-diet	Primary
Mouse	Oral-diet	Primary
Mouse	Oral-diet	Primary
Mouse	Oral-diet	Primary
Cynomolugus monkeyRat	Oral-dietOral-gavage	
Cynomolugus monkeyRat	Oral-dietOral-gavage	
Cynomolugus monkeyRat	Oral-dietOral-gavage	
Cynomolugus monkeyRat	Oral-dietOral-gavage	
Cynomolugus monkeyRat	Oral-dietOral-gavage	
Cynomolugus monkeyRat	Oral-dietOral-gavage	
Cynomolugus monkeyRat	Oral-dietOral-gavage	
Cynomolugus monkeyRat	Oral-dietOral-gavage	
Cynomolugus monkeyRat	Oral-dietOral-gavage	
Cynomolugus monkeyRat	Oral-dietOral-gavage	
Cynomolugus monkeyRat	Oral-dietOral-gavage	
Cynomolugus monkeyRat	Oral-dietOral-gavage	
Cynomolugus monkeyRat	Oral-dietOral-gavage	
Cynomolugus monkeyRat	Oral-dietOral-gavage	
Cynomolugus monkeyRat	Oral-dietOral-gavage	
Cynomolugus monkeyRat	Oral-dietOral-gavage	
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Mouse	Oral-diet	Primary
Mouse	Oral-diet	Primary
Mouse	Oral-diet	Primary
Mouse	Oral-diet	Primary

NR		49	
	25	243	
	70	339	
	70	339	
	70	339	
	70	339	
	70	339	
	70	339	
	70	339	
	28	182.5	
	28	182.5	
	28	182.5	
	28	182.5	
	28	182.5	
	28	182.5	
NR (180-220g males)		28	
NR (180-220g males)		28	
NR (180-220g males)		28	
NR (180-220g males)		28	
NR (180-220g males)		28	
NR (180-220g males)		28	
NR (180-220g males)		28	
NR (180-220g males)		28	
NR (180-220g males)		28	
NR (180-220g males)		28	
NR (180-220g males)		28	
NR (180-220g males)		28	
NR (18-20g males)		46	
NR (18-20g males)		47	
NR (18-20g males)		42	
NR (18-20g males)			

	1	1000	1000
	0	4000	4000
	0	1.53	1.53
	0	1.53	1.53
	0	1.53	1.53
	0	1.53	1.53
	0	1.53	1.53
	0	1.53	1.53
	0	1.53	1.53
	1	3.75	375
	1	3.75	375
	1	3.75	375
	1	3.75	375
	1	3.75	375
	1	3.75	375

	1	0.5	500
	1	0.5	500
	1	0.5	500
	1	0.5	500
	1	0.5	500
	1	0.5	500
	1	0.5	500
	1	0.5	500
	1	0.5	500
	1	0.5	500
	1	0.5	500
	1	0.5	500
	1	167	167
	1	167	167
	1	167	167
	1	167	167

N/A	1000		
N/A	4000		
N/A	1.53		
N/A	1.53		
N/A	1.53		
N/A	1.53		
N/A	1.53		
N/A	1.53		
N/A	1.53		
375 N/A			N/A
37.5	375		
3.75	37.5		
375 N/A			N/A
37.5	375		
N/A	3.75		
N/A	0.5		
N/A	0.5		
N/A	0.5		
N/A	0.5		
N/A	500		
N/A	50		
N/A	50		
N/A	500		
N/A	500		
N/A	50		
N/A	50		
N/A	50		
N/A	167		
N/A	167		
N/A	167		
167 N/A			N/A

Pulmonary congestion was observed in a preliminary study briefly mentioned on p. 361. Rats (age NR) were fed a diet cc
3-4 week old rats were fed a diet containing 20, 100, 500, or 1000 ppm Aroclor 1260 for 8 months (8 *365d /12m = 243.3
10 week old rats were started on a diet containing Kanechlor 400. The concentration of KC-400 within the feed changed
10 week old rats were started on a diet containing Kanechlor 400. The concentration of KC-400 within the feed changed
10 week old rats were started on a diet containing Kanechlor 400. The concentration of KC-400 within the feed changed
10 week old rats were started on a diet containing Kanechlor 400. The concentration of KC-400 within the feed changed
10 week old rats were started on a diet containing Kanechlor 400. The concentration of KC-400 within the feed changed
10 week old rats were started on a diet containing Kanechlor 400. The concentration of KC-400 within the feed changed
10 week old rats were started on a diet containing Kanechlor 400. The concentration of KC-400 within the feed changed

Table 2
Table 2

Table 1
Table 1

Male rats weighing between 180 and 220g were dosed with Aroclor 1242 via the diet at concentrations of 0.5, 5, 50, and
Male rats weighing between 180 and 220g were dosed with Aroclor 1248 via the diet at concentrations of 0.5, 5, 50, and
Male rats weighing between 180 and 220g were dosed with Aroclor 1254 via the diet at concentrations of 0.5, 5, 50, and
Male rats weighing between 180 and 220g were dosed with Aroclor 1260 via the diet at concentrations of 0.5, 5, 50, and
Male rats weighing between 180 and 220g were dosed with Aroclor 1242 via the diet at concentrations of 0.5, 5, 50, and
Male rats weighing between 180 and 220g were dosed with Aroclor 1248 via the diet at concentrations of 0.5, 5, 50, and
Male rats weighing between 180 and 220g were dosed with Aroclor 1254 via the diet at concentrations of 0.5, 5, 50, and
Male rats weighing between 180 and 220g were dosed with Aroclor 1260 via the diet at concentrations of 0.5, 5, 50, and
Male rats weighing between 180 and 220g were dosed with Aroclor 1242 via the diet at concentrations of 0.5, 5, 50, and
Male rats weighing between 180 and 220g were dosed with Aroclor 1248 via the diet at concentrations of 0.5, 5, 50, and
Male rats weighing between 180 and 220g were dosed with Aroclor 1254 via the diet at concentrations of 0.5, 5, 50, and
Male rats weighing between 180 and 220g were dosed with Aroclor 1260 via the diet at concentrations of 0.5, 5, 50, and
Age NR. Trmt time of 6 wk + 4 d. "...a significant and consistent hepatomegaly, attributed to a centrilobular and pericentr
Age NR. Trmt time includes 6 wk + 5 d after innoculation. LOAEL data taken from Table 1.
Age NR. Trmt time 6 wk. LOAEL data taken from Table 5.

22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
168	0.9	0.199	0.054	1	154 NONE
168	0.9	0.199	0.054	1	154 NONE
168	0.9	0.199	0.054	1	154 NONE
168	0.9	0.199	0.054	1	154 NONE
168	0.9	0.199	0.054	1	154 NONE
168	0.9	0.199	0.054	1	154 NONE
168	0.9	0.199	0.054	1	154 NONE
168	0.9	0.199	0.054	1	154 NONE
168	0.9	0.199	0.054	1	154 NONE
168	0.9	0.199	0.054	1	154 NONE
168	0.9	0.199	0.054	1	154 NONE
168	0.9	0.199	0.054	1	154 NONE
168	0.9	0.199	0.054	1	154 NONE
168	0.9	0.199	0.054	1	154 NONE
168	0.9	0.199	0.054	1	154 NONE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE

Katie
Katie
Katie
Katie
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Katie
Katie
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Katie
Geniece
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Geniece
Katie
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Katie
Katie
Katie
Katie
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Katie
Katie
Geniece
Geniece
Geniece
Geniece

Loose et al.	1979	202419
Loose et al.	1979	202419
Loose et al.	1979	202419
Mcnulty et al.	1980	202436
Mcnulty et al.	1980	202436
Mcnulty et al.	1980	202436
Mcnulty et al.	1980	202436
Morse and Brouwer	1995	202449
Morse and Brouwer	1995	202449
Morse and Brouwer	1995	202449
Morse and Brouwer	1995	202449
Morse and Brouwer	1995	202449
Morse and Brouwer	1995	202449
Morse and Brouwer	1995	202449
Morse and Brouwer	1995	202449
Morse and Brouwer	1995	202449
Morse et al.	1996	202450
Morse et al.	1996	202450
Morse et al.	1996	202450
Morse et al.	1996	202450
Morse et al.	1996	202450
Morse et al.	1996	202450
Morse et al.	1996	202450
Morse et al.	1996	202452
Morse et al.	1996	202452
Nakanishi et al.	1985	202454
Nakanishi et al.	1985	202454
Nakanishi et al.	1985	202454
Nishida et al.	1997	202460
Nishida et al.	1997	202460
Nishida et al.	1997	202460
Nishida et al.	1997	202460
Norback and Weltman	1985	202463
Norback and Weltman	1985	202463
Oda and Yoshida	1994	202467
Oda and Yoshida	1994	202467
Oda and Yoshida	1994	202467
Oda and Yoshida	1994	202467
Oda and Yoshida	1994	202467
Ohnishi and Kohno	1979	202468
Ohnishi and Kohno	1979	202468
Ohnishi and Kohno	1979	202468
Ohnishi and Kohno	1979	202468
Ohnishi and Kohno	1979	202468
Preston et al.	1981	202484
Preston et al.	1981	202484
Provost et al.	1999	202486

serum IgA
resistance to malaria challenge
lung histopathology
histopathology of the sebaceous glands and hair follicles
hyperkeratosis of nail beds
severe Shigella flexneri infection
swollen eyelids
litter size, offspring mortality
sex ratio
pup weight
intestinal bleeding
relative liver weight (F0)
relative liver weight (F1)
hepatic retinoids, plasma retinol concentration (F0)
hepatic retinoids, plasma retinol concentration (F1)
thymus weight
number of live fetuses, late gestational death, number of resorptions, number of live pups born, postnatal death
sex ratio
pup weight
EROD activity (P0)
EROD activity (F1)
liver weight (absolute and relative) (F1)
brain weight (F1)
TT4, FT4, TT3 (P0)
TT4, FT4, TT3, TSH (F1)
thymus histopathology: atrophy
decreased thymus size
lung histopathology: Clara cell necrosis, mild pulmonary edema, vascular congestion
motor activity
motor activity
flavor aversive conditioning (saccharin preference)
flavor aversive conditioning (saccharin preference)
hepatocellular lesions (centrolobular cell hypertrophy, foci of cell alteration, adenofibrosis)
liver weight
serum triglyceride and phospholipid
serum cholesterol
liver microsomal mixed-function oxydase system (cytochrome P-450, cytochrome b5, and NADPH-cytochrome c reductas
liver weight
liver ascorbic acid
acneform eruptions
hair loss
ocular discharge
ocular histopathology
swelling of the eyelid
liver histopathology, liver morphology
liver weight
thyroid hormone concentrations

Immunoglobulin Levels - Nonspecific	Immune System
Susceptibility to Infection	Immune System
Pulmonary Histopathology	Respiratory
Dermal Histopathology	Dermal
Finger/Toenail Deformity	Dermal
Susceptibility to Infection	Immune System
Periorbital Edema	Ocular
Offspring mortality	Developmental
Sex ratio	Reproductive
Weight and size (early life)	Developmental
Digestive system complaints/diseases	Gastrointestinal
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Micronutrients	Hepatobiliary
Micronutrients	Hepatobiliary
Immune Organ Size/Weight	Immune System
Offspring mortality	Developmental
Sex ratio	Reproductive
Weight and Size (Early Life)	Developmental
Liver Enzyme Induction	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Brain Weight & Histopathology	Nervous System
HPT Hormones	Endocrine
HPT Hormones	Endocrine
Immune Organ Histopathology	Immune System
Immune Organ Size/Weight	Immune System
Pulmonary Histopathology	Respiratory
Motor Function/Development	Nervous System
Motor Function/Development	Nervous System
Cognitive function	Nervous System
Cognitive function	Nervous System
Liver Histopathology	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Blood Triglycerides	Hepatobiliary
Cholesterol	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Micronutrients	Hepatobiliary
Acne/Chloracne	Dermal
Alopecia	Dermal
Ocular Discharge	Ocular
Ocular Histopathology	Ocular
Periorbital Edema	Ocular
Liver Histopathology	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
HPT Hormones	Endocrine

Aroclor 1242
Aroclor 1242
Aroclor 1242
Aroclor 1242
Aroclor 1242
Aroclor 1242
Aroclor 1242
Aroclor 1254
Aroclor 1254
Aroclor 1254
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Aroclor 1254
Kanechlor 400
Kanechlor 400
Kanechlor 400
Aroclor 1254
Aroclor 1254
Aroclor 1254
Aroclor 1254
Aroclor 1260
Aroclor 1260
Aroclor 1248
Aroclor 1248
Aroclor 1248
Aroclor 1248
Aroclor 1248
Kanechlor 400
Kanechlor 400
Kanechlor 400
Kanechlor 400
Kanechlor 400
Aroclor 1254
Aroclor 1254
Aroclor 1254

Mouse	Oral-diet	Primary
Mouse	Oral-diet	Primary
Mouse	Oral-diet	Primary
Rhesus monkey	Oral-diet	Primary
Rhesus monkey	Oral-diet	Primary
Rhesus monkey	Oral-diet	Primary
Rhesus monkey	Oral-diet	Primary
Rat	Oral-gavage	Secondary
Rat	Oral-gavage	Secondary
Rat	Oral-gavage	Secondary
Rat	Oral-gavage	Secondary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Secondary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Secondary
Rat	Oral-gavage	Secondary
Rat	Oral-gavage	Secondary
Rat	Oral-gavage	Secondary
Rat	Oral-gavage	Secondary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Secondary
Rat	Oral-gavage	Secondary
Rat	Oral-gavage	Secondary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Secondary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rhesus monkey	Oral-cookie	Primary
Rhesus monkey	Oral-cookie	Primary
Rhesus monkey	Oral-cookie	Primary
Rhesus monkey	Oral-cookie	Primary
Rhesus monkey	Oral-cookie	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Secondary

NR (18-20g males)		46		
NR (18-20g males)		21		
NR (18-20g males)				
			No	8
			No	8
			No	10
			No	8
			No	10
	98	6		
			No	10
			No	10
	122	7		
			no	10
NR (220g males)		7		
NR (220g males)		7		
NR (220g males)		14		
	67	1		
	67	22		
	76	1		
	76	14		
Weanling (100g)		91		
Weanling (100g)		30		
	42	7		
	42	14		
	42	14		
	42	14		
	42	14		
NR (adult males and females, 4.1-6.5kg)		30		
NR (adult males and females, 4.1-6.5kg)		91		
NR (adult males and females, 4.1-6.5kg)		30		
NR (adult males and females, 4.1-6.5kg)		30		
NR (adult males and females, 4.1-6.5kg)		91		
NR (90-125 g males)		126		
NR (90-125 g males)		126		
			no	10

10	16	N/A	N/A	4
10	16	N/A	N/A	21
10	16	N/A	N/A	0
10	16	N/A	N/A	21
10	16	N/A	N/A	21
10	16	N/A	N/A	21
10	16	N/A	N/A	21
10	16	N/A	N/A	0
0	43	N/A	N/A	21

		1	167	167
		1	167	167
		1	167	167
26	2	0	5	25
43	2	0	5	25
20	3	0	5	25
43	2	0	5	25
112	2	0	5	25
		0	5	25
43	2	0	5	25
43	2	0	5	25
		0	5	25
20	3	0	5	25
		0	4.87	4.87
		0	4.87	4.87
		0	4.87	4.87
		0	100	1000
		0	7.1	21.4
		0	15	25
		0	7.5	15
		1	100	100
		1	100	100
		1	300	300
		1	300	300
		1	300	300
		1	300	300
		1	300	300
		0	0.5	0.5
		0	0.5	0.5
		0	0.5	0.5
		0	0.5	0.5
		0	0.5	0.5
		1	100	100
		1	100	100
52	2	1	1.25	12.5

N/A	167		
N/A	167		
167	N/A		N/A
			N/A
			N/A
			N/A
			N/A
			N/A
			N/A
5	25	N/A	
			N/A
			N/A
5	25	N/A	
			N/A
N/A	5	N/A	
5	25	N/A	
			N/A
			N/A
5	25	N/A	
5	25		
N/A	5	N/A	
			N/A
5	25	N/A	
N/A	5		
N/A	5	N/A	
N/A	4.87		
N/A	4.87		
N/A	4.87		
100	300		
N/A	7.1		
15	25		
7.5	15		
N/A	100		
N/A	100		
N/A	300		
N/A	300		
N/A	300		
N/A	300		
N/A	300		
N/A	0.5		
N/A	0.5		
N/A	0.5		
N/A	0.5		
N/A	0.5		
N/A	100		
N/A	100		
N/A	1.25	N/A	

Age NR. Trmt time includes 6 wk + 4 d after inoculation. LOAEL data taken from Table 2.
Age NR. Trmt time 3 wk. LOAEL data taken from Table 6.

Rhesus monkeys age 1-2.5 years dosed in diet with 1 ppm A1242, switched to 5 ppm at day 133. No treatment effect on s
Rhesus monkeys age 1-2.5 years dosed in diet with 1 ppm A1242, switched to 5 ppm at day 133. No treatment effect on r
Rhesus monkeys age 1-2.5 years dosed in diet with 1 ppm A1242, switched to 5 ppm at day 133. No infection noted (p18
Rhesus monkeys age 1-2.5 years dosed in diet with 1 ppm A1242, switched to 5 ppm at day 133. No eye swelling noted (p

Dosing from GD10-16 (rats); pup weight altered at PND4Litters were culled to 8 pups each on PND4

Dosing from GD10-16 (rats); liver weight altered at PND21Litters were culled to 8 pups each on PND4

Dosing from GD10-16 (rats); hepatic retinoids altered at GD20Litters were culled to 8 pups each on PND4, use default valu
Dosing from GD10-16 (rats); thymus weight altered at PND21Litters were culled to 8 pups each on PND4
Rat dams dosed from GD 10-16; Litter size NR - use default; "Reproductive parameters, including maternal body weight g
Rat dams dosed from GD 10-16; Litter size NR - use default; "Reproductive parameters, including maternal body weight g
Rat dams dosed from GD 10-16; Litter size NR - use default; Significant reduction in body weight in male and females at P
Rat dams dosed from GD 10-16; "Maternal hepatic microsomal EROD activity was induced 20-fold by the lowest PCB dose
Rat dams dosed from GD 10-16; Significant increases in EROD activity in both male and females at PND 21 (Table 2)
"Male and female fetal body weights and absolute and relative liver...weights were unaltered by in utero exposure to Ar
Rat dams dosed from GD 10-16. F1 brain weight altered on PND 21 and 90. Litter size NR; use default. (Table 1)
14 week old female rats were allowed to acclimate for 2 weeks and then dosed "orally" (assume gavage) with either 5 or
14 week old female rats were allowed to acclimate for 2 weeks and then dosed "orally" (assume gavage) with either 5 or
Male rats (220g) were orally gavaged with 2.5mg of Kanechlor 400 3x a week for either 1 week (Group I) or 2 weeks (Gro
Male rats (220g) were orally gavaged with 2.5mg of Kanechlor 400 3x a week for either 1 week (Group I) or 2 weeks (Gro
Male rats (220g) were orally gavaged with 2.5mg of Kanechlor 400 3x a week for either 1 week (Group I) or 2 weeks (Gro
"...rats...were obtained at 60 d of age and acclimated to the animal quarters for 1 week prior to study." A single exposure
"...rats...were obtained at 60 d of age and acclimated to the animal quarters for 1 week prior to study." Reported doses c
"...rats...were obtained at 60 d of age" Three acute experiments were conducted. A single pairing of 100 or 300 mg/kg (e
Assumed same experimental timing as acute experiments (60 d old rats with experiment beginning after 16 d). "...the NC
Weanling male and female rats weighing 100g were fed Aroclor 1260 in their diet at a concentration of 100ppm for 16 m
Weanling male and female rats weighing 100g were fed Aroclor 1260 in their diet at a concentration of 100ppm for 16 m
Aroclor 1248 was administered to 5-6week old rats (+3 days acclimation) at 0.03% in the diet (equivalent to 300ppm) for
Aroclor 1248 was administered to 5-6week old rats (+3 days acclimation) at 0.03% in the diet (equivalent to 300ppm) for
Aroclor 1248 was administered to 5-6week old rats (+3 days acclimation) at 0.03% in the diet (equivalent to 300ppm) for
Aroclor 1248 was administered to 5-6week old rats (+3 days acclimation) at 0.03% in the diet (equivalent to 300ppm) for
Aroclor 1248 was administered to 5-6week old rats (+3 days acclimation) at 0.03% in the diet (equivalent to 300ppm) for
Adult female and male rhesus monkeys (4.1-6.5kg) were dosed with 0.5 mg/kg/d of Kanechlor 400 via a dosed banana. N
Adult female and male rhesus monkeys (4.1-6.5kg) were dosed with 0.5 mg/kg/d of Kanechlor 400 via a dosed banana. N
Adult female and male rhesus monkeys (4.1-6.5kg) were dosed with 0.5 mg/kg/d of Kanechlor 400 via a dosed banana. N
Adult female and male rhesus monkeys (4.1-6.5kg) were dosed with 0.5 mg/kg/d of Kanechlor 400 via a dosed banana. N
Adult female and male rhesus monkeys (4.1-6.5kg) were dosed with 0.5 mg/kg/d of Kanechlor 400 via a dosed banana. N
Dose reported as 100 ppm. Chow provided ad libitum over a period of 18 weeks (126 days); "The livers of animals receivi
Dose reported as 100 ppm. Chow provided ad libitum over a period of 18 weeks (126 days); Significant increase in absolu
Rat dams exposed during gestation and lactation to either 1.25 or 12.5ppm Aroclor 1254 via the diet (exact dates not give

18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
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22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE

Geniece
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Provost et al.	1999	202486
Rao and Banerji	1988	202488
Rao and Banerji	1988	202488
Rao and Banerji	1988	202488
Rao and Banerji	1988	202488
Rao and Banerji	1988	202488
Rao and Banerji	1988	202488
Rao and Banerji	1988	202488
Saeed and Hansen	1997	202501
Saeed and Hansen	1997	202501
Schaeffer et al.	1984	202511
Schaeffer et al.	1984	202511
Schaeffer et al.	1984	202511
Schaeffer et al.	1984	202511
Schaeffer et al.	1984	202511
Schaeffer et al.	1984	202511
Schaeffer et al.	1984	202511
Schaeffer et al.	1984	202511
Schaeffer et al.	1984	202511
Schaeffer et al.	1984	202511
Schaeffer et al.	1984	202511
Schaeffer et al.	1984	202511
Seegal et al.	1986	202527
Seiler et al.	1994	202532
Seiler et al.	1994	202532
Seiler et al.	1994	202532
Seiler et al.	1994	202532
Seiler et al.	1994	202532
Seo and Meserve	1995	202533
Seo and Meserve	1995	202533
Seo and Meserve	1995	202533
Seo and Meserve	1995	202533
Seo and Meserve	1995	202533
Smith et al.	1990	202545
Smith et al.	1990	202545
Smith et al.	1990	202545
Smith et al.	1990	202545
Smith et al.	1990	202545
Spencer	1982	202547
Spencer	1982	202547
Vos and Beems	1971	202580
Vos and Beems	1971	202580
Vos and Beems	1971	202580
Vos and Beems	1971	202580
Vos and Beems	1971	202580
Vos and Beems	1971	202580
Vos and Beems	1971	202580

Morris water maze
adrenal histopathology
thyroid histopathology
GI histopathology
liver histopathology
hepatomegaly
thymus histopathology
pancreatic histopathology
serum T4
thyroid cell height, colloid area
non-neoplastic lesions including foci, cysts, bile duct hyperplasia, and adenofibrosis
non-neoplastic lesions including foci, cysts, bile duct hyperplasia, and adenofibrosis
thymus and spleen histopathology
thymus and spleen histopathology
non-neoplastic lesions including prostatitis purulenta and abscess glandula praeputialis
non-neoplastic lesions including prostatitis purulenta and abscess glandula praeputialis
lung histopathology
lung histopathology
non-neoplastic lesions including Wistar-nephritis and pyelonephritis
non-neoplastic lesions including Wistar-nephritis and pyelonephritis
urinary bladder histopathology
urinary bladder histopathology
concentrations of dopamine (DA) and its major metabolites in caudate nucleus and lateral olfactory tract
malformations
litter size, embryonic/fetal mortality
fetal size
ovulation rate
conception rate, litter size
litter size
body weight
T3 & T4
thyroid weight
body temperature, oxygen consumption
jaundice
cytochrome P450, EROD, PROD, BROD
relative liver weight
liver porphyrins, uroporphyrinogen oxidation, uroporphyrinogen decarboxylase inhibitor activity
plasma ALT
litter size, litter number, fetal survival rate at birth
birth weight
heart histopathology
heart weight
hyperplasia and hyperkeratosis of the epidermal and follicular epithelium
adrenal weight
GI histopathology
hematocrit and hemoglobin
liver histopathology

Cognitive function	Nervous System
Adrenal Histopathology	Endocrine
Thyroid Histopathology	Endocrine
Gastrointestinal Histopathology	Gastrointestinal
Liver Histopathology	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Immune Organ Histopathology	Immune System
Pancreatic Histopathology	Metabolic
HPT Hormones	Endocrine
Thyroid Histopathology	Endocrine
Liver Histopathology	Hepatobiliary
Liver Histopathology	Hepatobiliary
Immune Organ Histopathology	Immune System
Immune Organ Histopathology	Immune System
Reproductive Organ Histopathology (M)	Reproductive
Reproductive Organ Histopathology (M)	Reproductive
Pulmonary Histopathology	Respiratory
Pulmonary Histopathology	Respiratory
Kidney Histopathology	Urinary System
Kidney Histopathology	Urinary System
Urinary Bladder Histopathology	Urinary System
Urinary Bladder Histopathology	Urinary System
Neurotransmitter Levels	Nervous System
Birth Defects	Developmental
Offspring Mortality	Developmental
Weight and Size (Early Life)	Developmental
Ovulation	Reproductive
Pregnancy/Conception Rate	Reproductive
Offspring mortality	Developmental
Weight and size (early life)	Developmental
HPT hormones	Endocrine
Thyroid Size/Weight	Endocrine
Body Temperature/Metabolic Rate	Metabolic
Liver Disease/Cirrhosis	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Porphyrins	Hepatobiliary
Serum Biomarkers of Liver Health & Function	Hepatobiliary
Offspring mortality	Developmental
Weight and size (early life)	Developmental
Cardiovascular Histopathology	Cardiovascular
Heart Size/Weight	Cardiovascular
Dermal Histopathology	Dermal
Adrenal Weight	Endocrine
Gastrointestinal Histopathology	Gastrointestinal
Red Blood Cells/Hemoglobin	Hematopoietic
Liver Histopathology	Hepatobiliary

Aroclor 1254
Aroclor 1260
Aroclor 1260
Aroclor 1260
Aroclor 1260
Aroclor 1260
Aroclor 1260
Aroclor 1260
Aroclor 1242
Aroclor 1242
Clophen A30
Clophen A60
Clophen A30
Clophen A60
Clophen A30
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Clophen A60
Clophen A30
Clophen A60
Clophen A30
Clophen A60
Mixture: Aroclors 1254, 1260
Aroclor 1260
Aroclor 1260
Aroclor 1260
Aroclor 1260
Aroclor 1260
Aroclor 1254
Aroclor 1254
Aroclor 1254
Aroclor 1254
Aroclor 1254
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Aroclor 1260Clophen A60Phenochlor DP6
Aroclor 1260Clophen A60Phenochlor DP6
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Aroclor 1260Clophen A60Phenochlor DP6
Aroclor 1260Clophen A60Phenochlor DP6
Aroclor 1260Clophen A60Phenochlor DP6

Rat	Oral-diet	Secondary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Injection-ip	Primary
Rat	Injection-ip	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-gavage	
Rabbit	Oral-gavage	
Rabbit	Oral-gavage	
Rabbit	Oral-gavage	
Rabbit	Oral-gavage	
Rabbit	Oral-gavage	
Rat	Oral-diet	Secondary
Rat	Oral-diet	Secondary
Rat	Oral-diet	Secondary
Rat	Oral-diet	Secondary
Rat	Oral-diet	Secondary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Secondary
Rat	Oral-diet	Secondary
Rabbit	Dermal	
Rabbit	Dermal	
Rabbit	Dermal	
Rabbit	Dermal	
Rabbit	Dermal	
Rabbit	Dermal	
Rabbit	Dermal	

		no	10
	35	120	
	35	120	
	35	120	
	35	120	
	35	120	
	35	120	
	35	120	
	20	5	
	20	5	
	78	701	
	78	701	
	78	501	
	78	501	

0	43	N/A	N/A	21
0	37	N/A	N/A	15
0	37	N/A	N/A	15
0	37	N/A	N/A	15
0	26	N/A	N/A	4
6	15	N/A	N/A	0
6	15	N/A	N/A	0

50	2	1	1.25	12.5
		1	50	100
		1	50	100
		1	50	100
		1	50	100
		1	50	100
		1	50	100
		1	50	100
		0	24	60
		0	24	60
		1	100	100
		1	100	100
		1	100	100
		1	100	100
37	2	1	125	250
37	2	1	125	250
37	2	1	125	250
26	2	1	125	250
		1	50	200
		1	50	50
		1	50	200
		1	50	200
		1	50	200
22	3	1	25	900
22	3	1	25	900

	1.25	12.5	N/A
N/A		50	
N/A		50	
N/A		50	
N/A		50	
N/A		50	
N/A		50	
N/A		50	
N/A		24	
N/A		24	
N/A		100	
N/A		100	
			N/A
			N/A
			N/A
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			N/A
			N/A
N/A		100	
N/A		100	
			N/A
			N/A
			N/A
N/A		125	N/A
N/A		125	N/A
N/A		125	N/A
N/A		125	N/A
	50	200	
N/A		50	
N/A		50	
N/A		50	
	50	200	
	200	300	N/A
	50	100	N/A

Rat dams exposed during gestation and lactation to either 1.25 or 12.5ppm Aroclor 1254 via the diet (exact dates not giv
5 week old rats were fed a diet containing either 50 or 100 ppm Aroclor 1260 for 120 days. Lesions were observed in the
5 week old rats were fed a diet containing either 50 or 100 ppm Aroclor 1260 for 120 days. Lesions were observed in the
5 week old rats were fed a diet containing either 50 or 100 ppm Aroclor 1260 for 120 days. Severe gastropathy was obse
5 week old rats were fed a diet containing either 50 or 100 ppm Aroclor 1260 for 120 days. Alterations in liver histopath
5 week old rats were fed a diet containing either 50 or 100 ppm Aroclor 1260 for 120 days. "all of the rats of the experin
5 week old rats were fed a diet containing either 50 or 100 ppm Aroclor 1260 for 120 days. Thymus histopathology was
5 week old rats were fed a diet containing either 50 or 100 ppm Aroclor 1260 for 120 days. Pancreativ histopathology w
Rats were i.p. injected with a total of 120mg of Aroclor 1242 split up over either 2, 3, or 5 doses: 24mg/kg/d *5d; 40mg/k
Rats were i.p. injected with a total of 120mg of Aroclor 1242 split up over either 2, 3, or 5 doses: 24mg/kg/d *5d; 40mg/k
Authors stated that "weanlings" were fed standard diet for 8 weeks before admin of PCB-containing diet. Assuming "wea
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Authors stated that "weanlings" were fed standard diet for 8 weeks before admin of PCB-containing diet. Assuming "wea
Dosing from GD0-PND15 (rats); pup body weight altered by PND15Average litter size of 8 pups estimated from data repo
Dosing from GD0-PND15 (rats); total T4 altered by PND15Average litter size of 8 pups estimated from data reported in te
Dosing from GD0-PND15 (rats); thyroid weight altered by PND15Average litter size of 8 pups estimated from data reporte
Dosing from GD0-PND15 (rats); oxygen consumption altered by PND4 (body temperature altered by PND6)Average litter
The authors reported that Aroclor 1254 was added to the diet at 0.02 or 0.005%; "A greater exposure (0.02%) to Aroclor
The authors reported that Aroclor 1254 was added to the diet at 0.02 or 0.005%; Cytochrome P450 is significantly increa
The authors reported that Aroclor 1254 was added to the diet at 0.02 or 0.005%; Significant increase in relative liver wt (
The authors reported that Aroclor 1254 was added to the diet at 0.02 or 0.005%; Significant increase in liver porphyrins i
The authors reported that Aroclor 1254 was added to the diet at 0.02 or 0.005%; "A greater exposure (0.02%) to Aroclor
Dosing from GD6-15 (rats); fetal survival rate evaluated at birthAverage litter size was ~12 pups (Table 1A)
Dosing from GD6-15 (rats); litter weight evaluated at birthAverage litter size was ~12 pups (Table 1A)

22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
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22	0.9	0.094	0.154	10	21	COMPLETE
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22	0.9	0.094	0.154	10	21	COMPLETE
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22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	NONE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE

Chelsea
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Vos and Beems	1971	202580
Vos and Beems	1971	202580
Vos and Beems	1971	202580
Vos and Beems	1971	202580
Vos and Beems	1971	202580
Vos and Beems	1971	202580
Vos and Beems	1971	202580
Vos and Beems	1971	202580
Vos and Beems	1971	202580
Vos and Beems	1971	202580
Vos and Beems	1971	202580
Vos and Beems	1971	202580
Vos and Beems	1971	202580
Vos and de Roij	1972	202581
Vos and de Roij	1972	202581
Vos and de Roij	1972	202581
Vos and de Roij	1972	202581
Vos and de Roij	1972	202581
Vos and de Roij	1972	202581
Vos and de Roij	1972	202581
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Vos and de Roij	1972	202581
Vos and de Roij	1972	202581
Vos and de Roij	1972	202581
Vos and Notenboom-Ram	1972	202582
Vos and Notenboom-Ram	1972	202582
Vos and Notenboom-Ram	1972	202582
Vos and Notenboom-Ram	1972	202582
Vos and Notenboom-Ram	1972	202582
Vos and Notenboom-Ram	1972	202582
Vos and Notenboom-Ram	1972	202582
Vos and Notenboom-Ram	1972	202582
Vos and Notenboom-Ram	1972	202582
Vos and Notenboom-Ram	1972	202582
Vos and Van Driel-Grootenhuis	1972	202583
Vos and Van Driel-Grootenhuis	1972	202583
Vos and Van Driel-Grootenhuis	1972	202583
Vos and Van Driel-Grootenhuis	1972	202583
Vos and Van Driel-Grootenhuis	1972	202583
Vos and Van Driel-Grootenhuis	1972	202583
Vos and Van Driel-Grootenhuis	1972	202583
Vos and Van Driel-Grootenhuis	1972	202583

liver weights
coproporphyrin, protoporporphyrin
ALT, AST
thymus and spleen histopath
spleen weights
leukocyte counts
pancreatic histopathology
skeletal muscle histopathology
ovarian histopathology
lung histopathology
kidney lesions (hydropic digeneration of convoluted tubules and tubular dilation with casts, increased diameter in space
kidney weight
heart histopathology
heart weight
dermal histopathology
adrenal histopathology
adrenal weight
GI histopathology
liver histopathology
liver weight, relative liver weight
total serum IgG with and without tetanus stimulation
thymus and spleen histopathology
lymph node and spleen weights
total serum IgG with and without tetanus stimulation
IgG containing cells in poplitial lymph node with and without tetanus stimulation
pancreatic histopathology
lung histopathology
kidney histopathology
kidney weight
hyperplasia and hyperkeratosis of the epidermal and follicular epithelium
abdominal edema
liver histopathology, liver ultrastructural examination
liver lipids
absolute and relative liver weight
coproporphyrin, protoporphyrin
ALT, AST
histopath of spleen and thymus and lymph nodes
kidney histopathology
organ weight
adrenal histopathology
adrenal weight
thyroid histopathology
thyroid weight
liver histology, parenchymal liver cells vacuolization
absolute liver weight, relative liver weight
porphyria
serum antibody and popliteal AFC response to 1 or 2 doses of tetanus toxoid

Liver Weight/Hepatomegaly	Hepatobiliary
Porphyrins	Hepatobiliary
Serum Biomarkers of Liver Health & Function	Hepatobiliary
Immune Organ Histopathology	Immune System
Immune Organ Size/Weight	Immune System
White Blood Cell (WBC) Counts	Immune System
Pancreatic Histopathology	Metabolic
Skeletal Muscle Histopathology	Musculoskeletal
Reproductive Organ Histopathology (F)	Reproductive
Pulmonary Histopathology	Respiratory
Kidney Histopathology	Urinary System
Kidney Weight	Urinary System
Cardiovascular Histopathology	Cardiovascular
Heart Size/Weight	Cardiovascular
Dermal Histopathology	Dermal
Adrenal Histopathology	Endocrine
Adrenal Weight	Endocrine
Gastrointestinal Histopathology	Gastrointestinal
Liver Histopathology	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Antibody Responses	Immune System
Immune Organ Histopathology	Immune System
Immune Organ Size/Weight	Immune System
Immunoglobulin Levels - Nonspecific	Immune System
White Blood Cell (WBC) Counts	Immune System
Pancreatic Histopathology	Metabolic
Pulmonary Histopathology	Respiratory
Kidney Histopathology	Urinary System
Kidney Weight	Urinary System
Dermal Histopathology	Dermal
Digestive System Complaints/Diseases	Gastrointestinal
Liver Histopathology	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Porphyrins	Hepatobiliary
Serum Biomarkers of Liver Health & Function	Hepatobiliary
Immune Organ Histopathology	Immune System
Kidney Histopathology	Urinary System
Kidney Weight	Urinary System
Adrenal Histopathology	Endocrine
Adrenal Weight	Endocrine
Thyroid Histopathology	Endocrine
Thyroid Size/Weight	Endocrine
Liver Histopathology	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Porphyrins	Hepatobiliary
Antibody Responses	Immune System

Aroclor 1260Clophen A60Phenochlor DP6
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Rabbit	Dermal
Rabbit	Dermal
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Rabbit	Dermal
Guinea pig	Oral-diet
Guinea pig	Oral-diet
Guinea pig	Oral-diet
Guinea pig	Oral-diet
Guinea pig	Oral-diet
Guinea pig	Oral-diet
Guinea pig	Oral-diet
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Guinea pig	Oral-diet
Rabbit	Dermal
Rabbit	Dermal
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Guinea pig	Oral-diet
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Guinea pig	Oral-diet

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Vos and Van Driel-Grootenhuis	1972	202583
Vos and Van Driel-Grootenhuis	1972	202583
Vos and Van Driel-Grootenhuis	1972	202583
Vos and Van Driel-Grootenhuis	1972	202583
Vos and Van Driel-Grootenhuis	1972	202583
Vos and Van Driel-Grootenhuis	1972	202583
Ward	1985	202585
Ward	1985	202585
Ward	1985	202585
Ward	1985	202585
Ward	1985	202585
Ward	1985	202585
Ward	1985	202585
Ward	1985	202585
Wassermann et al.	1973	202586
Schuur et al.	1998	202649
Schuur et al.	1998	202649
Schuur et al.	1998	202649
Schuur et al.	1998	202649
Villeneuve et al.	1971	202651
Villeneuve et al.	1971	202651
Villeneuve et al.	1971	202651
Villeneuve et al.	1971	202651
Villeneuve et al.	1971	202651
Villeneuve et al.	1971	202651
Villeneuve et al.	1971	202651
Villeneuve et al.	1971	202651
Villeneuve et al.	1971	202651
Villeneuve et al.	1971	202651
Villeneuve et al.	1971	202651
Villeneuve et al.	1971	202651
Seegal et al.	1992	202763
Seegal et al.	1992	202763
Bäcklin et al.	1998	202784
Bäcklin et al.	1998	202784
Bäcklin et al.	1998	202784
Bäcklin et al.	1998	202784
Brezner et al.	1984	202791
Brezner et al.	1984	202791
Brezner et al.	1984	202791
Brezner et al.	1984	202791
Brezner et al.	1984	202791
Brezner et al.	1984	202791
Brezner et al.	1984	202791
Brezner et al.	1984	202791

cell mediated response to tuberculin in Freunds
histopath of spleen, thymus, lymph nodes
weights of spleen, thymus, lymph nodes

testes histopathology
testes weight
pituitary histopathology
stomach & intestine histopathology
liver histopathology
spleen histopathology
brain histopathology
testes histopathology
lung histopathology
kidney histopathology
plasma corticosterone
Serum total T4 (TT4) and free T4 (FT4) levels (P0)
Serum total T4 (TT4) and free T4 (FT4) levels (F1)
EROD activity (P0)
EROD activity (F1)
heart weight
malformations
litter size, fetal mortality
litter number, litter size, fetal mortality
placenta weight
fetal weight

fetal weight
fetal liver weight, maternal liver weight as percent of body weight
spleen weight
brain weight
kidney weight
regional brain dopamine concentrations
regional brain dopamine concentrations
animals with implantations, animals containing only dead fetuses or degenerate placentas, placentation sites, placentas
fetal crown–rump length, fetal weight
liver weight (P0)
animals with implantations, placentation sites
litter size, viability
pup weight
maternal behavior
estrous cycle timing (F0)
estrous cycle timing (F1)
delayed birth
number of ovulations
litter size

Delayed-Type Hypersensitivity	Immune System
Immune Organ Histopathology	Immune System
Immune Organ Size/Weight	Immune System
White Blood Cell (WBC) Counts	Immune System
Reproductive Organ Histopathology (M)	Reproductive
Reproductive Organ Size/Weight (M)	Reproductive
Pituitary histopathology	Endocrine
Gastrointestinal histopathology	Gastrointestinal
Liver histopathology	Hepatobiliary
Immune organ histopathology	Immune System
Brain Weight & Histopathology	Nervous System
Reproductive Organ Histopathology (M)	Reproductive
Pulmonary histopathology	Respiratory
Kidney histopathology	Urinary System
HPA Hormones	Endocrine
HPT Hormones	Endocrine
HPT Hormones	Endocrine
Liver Enzyme Induction	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Heart Size/Weight	Cardiovascular
Birth defects	Developmental
Offspring mortality	Developmental
Offspring mortality	Developmental
Placental Weight	Developmental
Weight and size (early life)	Developmental

Weight and size (early life)	Developmental
Liver Weight/Hepatomegaly	Hepatobiliary
Immune Organ Size/Weight	Immune System
Brain Weight & Histopathology	Nervous System
Kidney Weight	Urinary System
Neurotransmitter levels	Nervous System
Neurotransmitter levels	Nervous System
Offspring Mortality	Developmental
Weight and Size (Early Life)	Developmental
Liver Weight/Hepatomegaly	Hepatobiliary
Pregnancy/conception rate	Reproductive
Offspring mortality	Developmental
Weight and size (early life)	Developmental
Social behavior/development	Nervous System
Estrous/Menstrual Cycle	Reproductive
Estrous/Menstrual Cycle	Reproductive
Gestation Duration/Preterm Birth	Reproductive
Ovulation	Reproductive
Pregnancy/conception rate	Reproductive

Aroclor 1260Clophen A60
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Aroclor 1221
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Aroclor 1254
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Guinea pig	Oral-diet	
Guinea pig	Oral-diet	
Guinea pig	Oral-diet	
Guinea pig	Oral-diet	
Guinea pig	Oral-diet	
Guinea pig	Oral-diet	
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-drinking water	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Secondary
Rat	Oral-diet	Primary
Rat	Oral-diet	Secondary
Rabbit	Oral-gavage	Primary
Rat	Oral-gavage	Secondary
Rabbit	Oral-gavage	Secondary
Rat	Oral-gavage	Secondary
Rabbit	Oral-gavage	
Rabbit	Oral-gavage	Secondary

Rat	Oral-gavage	Secondary
Rabbit	Oral-gavage	
Rabbit	Oral-gavage	Primary
Rabbit	Oral-gavage	Primary
Rabbit	Oral-gavage	Primary
Pigtail monkey	Oral-cookie	Primary
Pigtail monkey	Oral-cookie	Primary
Mink	Oral-diet	Secondary
Mink	Oral-diet	Secondary
Mink	Oral-diet	Primary
Mink	Oral-diet	Primary
Rat	Oral-gavage	Secondary
Rat	Oral-gavage	Secondary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Secondary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary

10	18	N/A	N/A	0
10	18	N/A	N/A	0
6	15	N/A	N/A	0
-10	28	N/A	N/A	0
-10	28	N/A	N/A	0
-30	0	N/A	N/A	0
-30	0	N/A	N/A	21

		1	25	100
		1	25	100
		1	250	250
		0	25	25
20	3	0	25	25
		0	25	25
20	3	0	25	25

22	3	0	6.25	100
		0	3.2	3.2
		0	3.2	3.2
28	3	0	0.65	1.3
28	3	0	0.65	1.3
22	3	0	10	10
52	2	0	10	10
		0	10	10
		0	10	10
		0	10	10
		0	10	10
		0	10	10

			N/A
	50	100	
N/A		25	
			N/A
			N/A
			N/A
			N/A
			N/A
N/A		250	
N/A		25	
N/A		25	N/A
N/A		25	
N/A		25	N/A
			N/A
			N/A

	50	100	N/A
N/A		3.2	
N/A		3.2	
N/A		0.65	N/A
	0.65	1.3	N/A
			N/A
			N/A
N/A		10	N/A
N/A		10	N/A
			N/A
N/A		10	
			N/A
N/A		10	
			N/A
N/A		10	

"All animals were 53 ± 2 days of age when placed on study"Exposure duration was 105 weeks
"All animals were 53 ± 2 days of age when placed on study"Exposure duration was 105 weeks

6m old rats were dosed via the water with 250ppm of Aroclor 1221 ("PCBs 1221") for 10 weeks. Plasma corticosterone le
Rat dams dosed with 25 mg/kg A1254 from GD10-GD18. Fetal and maternal endpoints assessed at GD20. Significant trea
Rat dams dosed with 25 mg/kg A1254 from GD10-GD18. Fetal and maternal endpoints assessed at GD20. Litter size NR (u
Rat dams dosed with 25 mg/kg A1254 from GD10-GD18. Fetal and maternal endpoints assessed at GD20. Significant trea
Rat dams dosed with 25 mg/kg A1254 from GD10-GD18. Fetal and maternal endpoints assessed at GD20. Litter size NR (u
Also evaluated endpoints in rabbits (data not included here)
No effect on incidence of skeletal and visceral anomalies
Also evaluated endpoints in rabbits (data not included here)
No effects of treatment were noted on the number of litters produced or the average litter size. There were no dead fetu
Also evaluated endpoints in rabbits (data not included here)
Also evaluated endpoints in rabbits (data not included here)

Dosing from GD6-15 (rats); litter weight evaluated at GD22
Average litter size for the LOAEL dose group was 12 (Table 3)
Also evaluated endpoints in rabbits (data not included here)
Also evaluated endpoints in rabbits (data not included here)
Also evaluated endpoints in rabbits (data not included here)
Also evaluated endpoints in rabbits (data not included here)
Macaca nemistrina exposed for 20 wk (140 d) and then followed for 24 wk post-exposure. Regional brain dopamine level
Macaca nemistrina exposed for 20 wk (140 d) and then followed for 24 wk post-exposure. Regional brain dopamine level
2 year old minks were fed dosed via the diet with 0.65mg or 1.35 mg/d. Using a bodyweight of 1kg (weight assumed to b
2 year old minks were fed dosed via the diet with 0.65mg or 1.35 mg/d. Using a bodyweight of 1kg (weight assumed to b
2 year old minks were fed dosed via the diet with 0.65mg or 1.35 mg/d. Using a bodyweight of 1kg (weight assumed to b
2 year old minks were fed dosed via the diet with 0.65mg or 1.35 mg/d. Using a bodyweight of 1kg (weight assumed to b
Dosing "for a period of at least 1 month"; timing of pregnancy relative to this period is unclear; assume exposure ends at
Dosing "for a period of at least 1 month"; timing of pregnancy relative to this period is unclear; assume exposure ends at

Dosing "for a period of at least 1 month"; "Disruptions of the estrous cycle were noted as early as 6 days following exposu

Dosing "for a period of at least 1 month"; timing of pregnancy relative to this period is unclearStarting age NR; 170-230 g

Dosing "for a period of at least 1 month"; timing of pregnancy relative to this period is unclear; assume exposure ends at

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CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
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22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
22	0.9	0.094	0.154	10	21	COMPLETE
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22	0.9	0.094	0.154	10	21	COMPLETE
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22	0.9	0.094	0.154	10	21	COMPLETE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
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CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
168	0.9	0.199	0.054	1	154	COMPLETE
168	0.9	0.199	0.054	1	154	COMPLETE
52	0.9	0.312	0.066	5	56	COMPLETE
52	0.9	0.312	0.066	5	56	COMPLETE
52	0.9	0.312	0.066	5	56	COMPLETE
52	0.9	0.312	0.066	5	56	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE

Geniece
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Chelsea
Chelsea
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Geniece

Brezner et al.	1984	202791
Brezner et al.	1984	202791
Brezner et al.	1984	202791
Brezner et al.	1984	202791
Brezner et al.	1984	202791
Bruckner et al.	1974	202798
Bruckner et al.	1974	202798
Bruckner et al.	1974	202798
Bruckner et al.	1974	202798
Bruckner et al.	1974	202798
Bruckner et al.	1974	202798
Bruckner et al.	1974	202798
Bruckner et al.	1974	202798
Bruckner et al.	1974	202798
Brunstrom et al.	1982	202799
Brunstrom et al.	1982	202799
Brunstrom et al.	1982	202799
Brunstrom et al.	1982	202799
Brunstrom et al.	1982	202799
Carter and Koo	1984	202818
Carter and Koo	1984	202818
Carter and Koo	1984	202818
Carter and Koo	1984	202818
Corey et al.	1996	202841
Corey et al.	1996	202841
Corey et al.	1996	202841
Corey et al.	1996	202841
Talcott et al.	1985	202879
Talcott et al.	1985	202879
Kato and Yoshida	1980	399336
Kato and Yoshida	1980	399336
Gu et al.	2009	476483
Gu et al.	2009	476483
Gu et al.	2009	476483
Quazi et al.	1984	594394
Quazi et al.	1984	594394
Quazi et al.	1984	594394
Altmann et al.	2001	594585
Altmann et al.	2001	594585
Altmann et al.	2001	594585
Altmann et al.	2001	594585
Altmann et al.	2001	594585
Arena et al.	2003	595089
Arena et al.	2003	595089
Arena et al.	2003	595089
Arena et al.	2003	595089
Arena et al.	2003	595089

pregnancy rate (F1)
day of vaginal opening, first estrous
sexual receptivity behavior (F0)
sexual receptivity behavior (F1)
vaginal bleeding during pregnancy
plasma corticosteroids
hematocrit, erythrocyte count, hemoglobin levels
hepatic microsomal-hydroxylase activity, N-demethylase activity
liver histopathology
total liver lipid, increased lipid deposition
liver weight
urinary coproporphyrin excretion
SGPT, SGOT activities
kidney histopathology
litter size, fetal mortality
fetal weight
liver microsomal enzymes
liver weight (wet)
litter size
total cholesterol, HDL-cholesterol, LDL-cholesterol, VLDL-cholesterol
liver weight
zinc, calcium, and copper levels in liver
tibia weight
litter weight
HPT hormones
Thyroid weight
radial arm maze memory testing
NK cell activity
spleen cell number
hepatic cholesterol synthesis measured by 3H2O incorporation, cholesterol
liver weight
serum FT3, FT4, T4, TSH
thyroid histopathology
serum TPOAb
serum and liver cholesterol
liver total lipid content
liver weight
impairments of physical development
body weight (F1)
body weight (F1)
electrophysiological measurements
electrophysiological measurements
litter size, litter number
litter size, litter number
body weight on PNDs 7 and 28
body weight on PNDs 7 and 28
adrenal weight

Pregnancy/conception rate	Reproductive
Pubertal Development (F)	Reproductive
Sexual behavior (F)	Reproductive
Sexual behavior (F)	Reproductive
Vaginal bleeding during pregnancy	Reproductive
HPA Hormones	Endocrine
Red Blood Cells/Hemoglobin	Hematopoietic
Liver Enzyme Induction	Hepatobiliary
Liver Histopathology	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Porphyrins	Hepatobiliary
Serum Biomarkers of Liver Health & Function	Hepatobiliary
Kidney Histopathology	Urinary System
Offspring Mortality	Developmental
Weight and Size (Early Life)	Developmental
Liver Enzyme Induction	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Pregnancy/Conception Rate	Reproductive
Cholesterol	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Micronutrients	Hepatobiliary
Bone Density/Strength & Osteoporosis	Musculoskeletal
Weight and size (early life)	Developmental
HPT hormones	Endocrine
Thyroid Size/Weight	Endocrine
Cognitive function	Nervous System
Ex Vivo WBC Function	Immune System
Immune Organ Histopathology	Immune System
Cholesterol	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
HPT Hormones	Endocrine
Thyroid Histopathology	Endocrine
Autoantibody Levels	Immune System
Cholesterol	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Birth Defects	Developmental
Weight and Size (Early Life)	Developmental
Weight and Size (Early Life)	Developmental
Neurophysiology	Nervous System
Neurophysiology	Nervous System
Offspring mortality	Developmental
Offspring mortality	Developmental
Weight and size (early life)	Developmental
Weight and size (early life)	Developmental
Adrenal weight	Endocrine

Aroclor 1254
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Aroclor 1242
Clophen A50
Clophen A50
Clophen A50
Clophen A50
Clophen A50
Aroclor 1254
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Aroclor 1248
Aroclor 1248
Aroclor 1248
Breast milk mixture: PCBs 28, 77, 101, 105, 118, 126, 138, 146, 153, 156, 169, 170, 180, 187
Aroclor 1254
Breast milk mixture: PCBs 28, 77, 101, 105, 118, 126, 138, 146, 153, 156, 169, 170, 180, 187
Aroclor 1254
Breast milk mixture: PCBs 28, 77, 101, 105, 118, 126, 138, 146, 153, 156, 169, 170, 180, 187
Aroclor 1242
Aroclor 1254
Aroclor 1242
Aroclor 1254
Aroclor 1242

Rat	Oral-gavage	Secondary
Rat	Oral-gavage	Secondary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Secondary
Rat	Oral-gavage	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Guinea pig	Oral-CHECK	
Guinea pig	Oral-CHECK	
Guinea pig	Oral-CHECK	
Guinea pig	Oral-CHECK	
Guinea pig	Oral-CHECK	
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Secondary
Rat	Oral-diet	Secondary
Rat	Oral-diet	Secondary
Rat	Oral-diet	Secondary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Secondary
Rat	Oral-diet	Secondary
Rat	Oral-diet	Secondary
Rat	Oral-diet	Secondary
Rat	Oral-diet	Secondary
Mouse	Injection-sc	Secondary
Mouse	Injection-sc	Secondary
Mouse	Injection-sc	Secondary
Mouse	Injection-sc	Secondary
Mouse	Injection-sc	Secondary

		no	8
NR (170-230 g female)	30		
90	30		
NR (125 g)	60.8		
NR (125 g)	60.8		
NR (125 g)	60.8		
NR (125 g)	60.8		
NR (125 g)	121.7		
NR (125 g)	59.8		
NR (125 g)	121.7		
76	14		
76	35		
		no	8
		no	8
		no	8
28	70		
28	70		
NR (84-95g males)	6		
NR (84-95g males)	6		
NR (male 180g)	30		
NR (male 180g)	30		
NR (male 180g)	30		
NR (84-95 g females)	7		
NR (84-95 g females)	7		
NR (84-95 g females)	7		
		no	10
		no	10
		no	10
		no	10

-30	0	N/A	N/A	21
0	50	N/A	N/A	28
0	50	N/A	N/A	28
0	50	N/A	N/A	28
-50	22	N/A	N/A	21
-50	22	N/A	N/A	21
-50	22	N/A	N/A	21
-50	22	N/A	N/A	21

		0	10	10
61	2	0	10	10
		0	10	10
		0	10	10
		1	5	25
		1	5	25
		1	5	25
		1	5	25
		1	5	25
		1	5	25
		1	5	25
		1	50	50
		1	50	50
50	2	0	8	18
50	2	0	8	18
50	2	0	8	18
		1	50	500
		1	50	500
		1	1000	1000
		1	1000	1000
		0	0.0109	0.0109
		0	0.0109	0.0109
		0	0.0109	0.0109
		1	300	300
		1	300	300
		1	300	300
202	2	0	4	4
202	2	0	0.5	4
202	2	0	4	4
202	2	0	0.5	4

			N/A
N/A		10	N/A
N/A		10	
			N/A
N/A		10	
			N/A
N/A		5	
N/A		5	
N/A		5	
N/A		5	
N/A		5	
N/A		5	
			N/A
	5	25	
N/A		50	
N/A		50	
			N/A
			N/A
N/A		8	N/A
N/A		8	N/A
			N/A
N/A		8	N/A
N/A		50	
	50	500	
N/A		1000	
N/A		1000	
N/A		0.0109	
N/A		0.0109	
N/A		0.0109	
N/A		300	
N/A		300	
N/A		300	
			N/A
N/A		4	N/A
	0.5	4	N/A
N/A		4	N/A
	0.5	4	N/A
			N/A
			N/A
			N/A
			N/A
			N/A

Dosing "for a period of at least 1 month"; timing of pregnancy relative to this period is unclear; assume exposure ends at
Dosing "for a period of at least 1 month"; timing of mating relative to this period is unclear

Dosing "for a period of at least 1 month"; timing of pregnancy relative to this period is unclear; assume exposure ends at
Male rats given 0, 5, or 25 ppm A1242 in the diet for 2, 4, and 6 months. No effect on plasma cort (p325).
Male rats given 0, 5, or 25 ppm A1242 in the diet for 2, 4, and 6 months. Signficant decrease in hemaglobin (5ppm) at 2 m
Male rats given 0, 5, or 25 ppm A1242 in the diet for 2, 4, and 6 months. Significant increase in hydrolase activity at 2 mo
Male rats given 0, 5, or 25 ppm A1242 in the diet for 2, 4, and 6 months. Increased lipid deposition in the livers of rats fec
Male rats given 0, 5, or 25 ppm A1242 in the diet for 2, 4, and 6 months. Total lipids increased 5 ppm group at 2 months.
Male rats given 0, 5, or 25 ppm A1242 in the diet for 2, 4, and 6 months. Signficantly increased liver weight at 4 mon 5 pp
Male rats given 0, 5, or 25 ppm A1242 in the diet for 2, 4, and 6 months. Signficantly increased liver weight at 2 mon 5 pp
Male rats given 0, 5, or 25 ppm A1242 in the diet for 2, 4, and 6 months. No significant effects (p325)
Male rats given 0, 5, or 25 ppm A1242 in the diet for 2, 4, and 6 months. Limited vacuolation of the renal convoluted tubu

Male rats given 0 or 50 ppm A1254 in diet for five weeks. Significant change in cholesterol after 2 weeks (p226, Table III).
Male rats given 0 or 50 ppm A1254 in diet for five weeks. Significant change in liver weight (Table V)
Male rats given 0 or 50 ppm A1254 in diet for five weeks. No effect (p226, Table V)
Male rats given 0 or 50 ppm A1254 in diet for five weeks. No effect (Table V)
Dosing from GD0-PND28 (rats); litter weight altered by PND28Doses reported as 125 and 250 ppm; authors estimated ma
Dosing from GD0-PND28 (rats); decreased T4 observed with exposure through PND28Doses reported as 125 and 250 ppm
Maternal dosing from GD0-PND28 followed by dosing to offspring via diet until PND60 (rats)Doses reported as 125 and 2
Dosing from GD0-PND28 (rats); impaired radial arm maze performance observed with exposure through PND28Doses rep
"Weanling" male rats (assume PND21) were acclimated for a week before being fed a diet of 50 or 500ppm Aroclor 1254
"Weanling" male rats (assume PND21) were acclimated for a week before being fed a diet of 50 or 500ppm Aroclor 1254
Age NR. Animals fed 0.1% PCB (=1000 ppm). Results presented in Table 1.
Age NR. Animals fed 0.1% PCB (=1000 ppm). Results presented in Table 1.
Male rats (180g) were gavaged with 0.0109mg/kg/d Aroclor 1254 for 30d. FT3, FT4, T4, and TSH were all altered by treat
Male rats (180g) were gavaged with 0.0109mg/kg/d Aroclor 1254 for 30d. Thyroid histopathology was altered by treatme
Male rats (180g) were gavaged with 0.0109mg/kg/d Aroclor 1254 for 30d. Serum TPOAb was altered by treatment (Fig. 2
Female rats fed diet with 0 or 300 ppm A1248 for 7 days. Significant effect on cholesterol (p620, Table 1).
Female rats fed diet with 0 or 300 ppm A1248 for 7 days. Signficant increase in liver total lipids at day 7 (p620, Table 1).
Female rats fed diet with 0 or 300 ppm A1248 for 7 days. Significant increase in relative (to body) and absolute liver weig
Dams exposed from 50 d prior to mating and continuing to PND 0. Litter size NR; use default. Exposure was via diet and v
Dams exposed from 50 d prior to mating and continuing to PND 0. Litter size NR; use default. Exposure was via diet and v
Dams exposed from 50 d prior to mating and continuing to PND 0. Litter size NR; use default. Exposure was via diet and v
Dams exposed from 50 d prior to mating and continuing to PND 0. Litter size NR; use default. Exposure was via diet (40 m
Dams exposed from 50 d prior to mating and continuing to PND 0. Litter size NR; use default. Exposure was via diet (5 or

22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
18	0.9	0.229	0.264	6	21	COMPLETE
18	0.9	0.229	0.264	6	21	COMPLETE
18	0.9	0.229	0.264	6	21	COMPLETE
18	0.9	0.229	0.264	6	21	COMPLETE
18	0.9	0.229	0.264	6	21	COMPLETE

Geniece
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Arena et al.	2003	595089
Arena et al.	2003	595089
Arena et al.	2003	595089
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Arena et al.	2003	595089
Arena et al.	2003	595089
Arena et al.	2003	595089
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Kostyniak et al.	2005	595287
Kostyniak et al.	2005	595287
Kostyniak et al.	2005	595287
Kostyniak et al.	2005	595287
Kostyniak et al.	2005	595287
Kostyniak et al.	2005	595287
Kostyniak et al.	2005	595287
Kato et al.	2003	597456
Kato et al.	2003	597456
Kato et al.	2003	597456
Kato et al.	2003	597456
Kato et al.	2003	597456
Kato et al.	2003	597456
Kato et al.	2003	597456
Kato et al.	2003	597456
Dziennis et al.	2008	604867
Dziennis et al.	2008	604867

adrenal weight
HPT hormones
HPT hormones
red blood cell counts
red blood cell counts
BROD, EROD (F0)
BROD, EROD (F0)
BROD, EROD (F1)
BROD, EROD (F1)
liver somatic index (F0)
liver somatic index (F0)
liver somatic index (F1)
liver somatic index (F1)
hapten DNP-and carrier KLH-specific serum antibody titers
hapten DNP-and carrier KLH-specific serum antibody titers
mitogen responsiveness of thymocytes and spleen cells of 28-day old pups
mitogen responsiveness of thymocytes and spleen cells of 28-day old pups
thymus somatic index, spleen weight
thymus somatic index, spleen weight
T cell subsets
T cell subsets
gestation length
gestation length
litter number, litter size, mating success
litter number, litter size, mating success
uterus weight
uterus weight
testis weight
testis weight
litter size, percent live births, pup mortality
percent male
birth weight and postnatal growth
liver weight (P0)
liver weight (F1)
thymus weight
brain weight
litter size
serum T4 and T3, TSH
serum T4 and T3, TSH
thyroid weight
thyroid weight
total levels of P450 and activity rates of O-dealkylase, 7-pentoxy-, 7-benzyroxy-, and 7-ethoxy-resorufins
total levels of P450 and activity rates of O-dealkylase, 7-pentoxy-, 7-benzyroxy-, and 7-ethoxy-resorufins
relative liver weight
relative liver weight
blood pressure
litter size

Adrenal weight	Endocrine
HPT hormones	Endocrine
HPT hormones	Endocrine
Red blood cells/hemoglobin	Hematopoietic
Red blood cells/hemoglobin	Hematopoietic
Liver enzyme induction	Hepatobiliary
Liver enzyme induction	Hepatobiliary
Liver enzyme induction	Hepatobiliary
Liver enzyme induction	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Antibody responses	Immune System
Antibody responses	Immune System
Ex vivo WBC function	Immune System
Ex vivo WBC function	Immune System
Immune Organ Size/Weight	Immune System
Immune Organ Size/Weight	Immune System
White Blood Cell (WBC) Counts	Immune System
White Blood Cell (WBC) Counts	Immune System
Gestation Duration/Preterm Birth	Reproductive
Gestation Duration/Preterm Birth	Reproductive
Pregnancy/conception rate	Reproductive
Pregnancy/conception rate	Reproductive
Reproductive Organ Size/Weight (F)	Reproductive
Reproductive Organ Size/Weight (F)	Reproductive
Reproductive Organ Size/Weight (M)	Reproductive
Reproductive Organ Size/Weight (M)	Reproductive
Offspring Mortality	Developmental
Sex Ratio	Reproductive
Weight and Size (Early Life)	Developmental
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Immune Organ Size/Weight	Immune System
Brain Weight & Histopathology	Nervous System
Pregnancy/conception rate	Reproductive
HPT hormones	Endocrine
HPT hormones	Endocrine
Thyroid Size/Weight	Endocrine
Thyroid Size/Weight	Endocrine
Liver Enzyme Induction	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Blood pressure/hypertension	Cardiovascular
Offspring mortality	Developmental

Aroclor 1254
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Aroclor 1242
Aroclor 1254
Fox River PCB mixture
Fox River PCB mixture
Fox River PCB mixture
Fox River PCB mixture
Fox River PCB mixture
Fox River PCB mixture
Fox River PCB mixture
Fox River PCB mixture
Kanechlor 500
Kanechlor 500
Kanechlor 500
Kanechlor 500
Kanechlor 500
Kanechlor 500
Kanechlor 500
Kanechlor 500
Aroclor 1254
Aroclor 1254

Mouse	Injection-sc	Secondary
Mouse	Injection-sc	Secondary
Mouse	Injection-sc	Secondary
Mouse	Injection-sc	Secondary
Mouse	Injection-sc	Secondary
Mouse	Injection-sc	Primary
Mouse	Injection-sc	Primary
Mouse	Injection-sc	Secondary
Mouse	Injection-sc	Secondary
Mouse	Injection-sc	Primary
Mouse	Injection-sc	Primary
Mouse	Injection-sc	Secondary
Mouse	Injection-sc	Secondary
Mouse	Injection-sc	Secondary
Mouse	Injection-sc	Secondary
Mouse	Injection-sc	Secondary
Mouse	Injection-sc	Secondary
Mouse	Injection-sc	Secondary
Mouse	Injection-sc	Secondary
Mouse	Injection-sc	Secondary
Mouse	Injection-sc	Secondary
Mouse	Injection-sc	Secondary
Mouse	Injection-sc	Primary
Mouse	Injection-sc	Primary
Mouse	Injection-sc	Primary
Mouse	Injection-sc	Primary
Mouse	Injection-sc	Secondary
Mouse	Injection-sc	Secondary
Mouse	Injection-sc	Secondary
Mouse	Injection-sc	Secondary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Primary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Primary
Rat	Injection-ip	Primary
Mouse	Injection-ip	Primary
Rat	Injection-ip	Primary
Mouse	Injection-ip	Primary
Rat	Injection-ip	Primary
Mouse	Injection-ip	Primary
Rat	Injection-ip	Primary
Mouse	Injection-ip	Primary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Secondary

	no	7.5
	no	7.5
	no	7.5
	no	7.5
	no	7.5
	no	11.18
	no	11.18
	no	7.82
NR (160-200g male)	1	
NR (28-36g male)	1	
NR (160-200g male)	1	
NR (28-36g male)	1	
NR (160-200g male)	1	
NR (28-36g male)	1	
NR (160-200g male)	1	
NR (28-36g male)	1	
	no	12.5

-16	-2 N/A	N/A	21
-16	-2 N/A	N/A	21
-16	-2 N/A	N/A	7
-16	-2 N/A	N/A	21
-16	-2 N/A	N/A	7
-28	22 N/A	N/A	0
-28	43 N/A	N/A	21
-28	43 N/A	N/A	21
-14	43 N/A	N/A	21

46	2	0	21.4	21.4
46	2	0	21.4	21.4
25	2	0	21.4	21.4
46	2	0	21.4	21.4
25	2	0	21.4	21.4
22	3	0	1	6
43	2	0	1	6
43	2	0	1	6
		0	100	100
		0	100	100
		0	100	100
		0	100	100
		0	100	100
		0	100	100
		0	100	100
		0	100	100
78	2	0	0.1	1

			N/A
			N/A
N/A	21.4	N/A	
			N/A
			N/A
			N/A
			N/A
N/A	21.4	N/A	
N/A	21.4	N/A	
			N/A
			N/A
			N/A
N/A	21.4	N/A	
			N/A
			N/A
			N/A
			N/A
			N/A
N/A	21.4	N/A	
			N/A
			N/A
			N/A
			N/A
			N/A
			N/A
			N/A
			N/A
			N/A
			N/A
			N/A
N/A	1	N/A	
			N/A
N/A	1	N/A	
3	6	N/A	
			N/A
			N/A
N/A	100		
N/A	100		
100	N/A		N/A
100	N/A		N/A
N/A	100		
N/A	100		
N/A	100		
N/A	100		
N/A	0.1	N/A	
			N/A

Mouse dams injected 3x/week for two weeks ending two days prior to mating; serum T4 altered by PND28300 mg/kg tot

Mouse dams injected 3x/week for two weeks ending two days prior to mating; EROD and BROD activities increased by PN

Mouse dams injected 3x/week for two weeks ending two days prior to mating; EROD and BROD activities increased by PN

Mouse dams injected 3x/week for two weeks ending two days prior to mating; liver weight altered by PND28300 mg/kg t

Mouse dams injected 3x/week for two weeks ending two days prior to mating; spleen weight altered by PND7300 mg/kg

Adult female rats were dosed orally with 0, 1, 3 or 6 mg/kg/day of the experimental mixture beginning 4 weeks before th

Adult female rats were dosed orally with 0, 1, 3 or 6 mg/kg/day of the experimental mixture beginning 4 weeks before th
Adult female rats were dosed orally with 0, 1, 3 or 6 mg/kg/day of the experimental mixture beginning 4 weeks before th
Adult female rats were dosed orally with 0, 1, 3 or 6 mg/kg/day of the experimental mixture beginning 4 weeks before th
Adult female rats were dosed orally with 0, 1, 3 or 6 mg/kg/day of the experimental mixture beginning 4 weeks before th
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Adult female rats were dosed orally with 0, 1, 3 or 6 mg/kg/day of the experimental mixture beginning 4 weeks before th
Adult female rats were dosed orally with 0, 1, 3 or 6 mg/kg/day of the experimental mixture beginning 4 weeks before th

Treatments of rats...with KC500 decreased total T4 levels to 17%, whereas serum total T3 level was not decreased in rats

Treatments mice with KC500 decreased total T4 levels to 27%; serum total T3 level was slightly decreased in mice (71% o

"...no significant change in the level of serum TSH (Fig. 3) or in thyroid weight (Table 1) was observed in either species of

"...no significant change in the level of serum TSH (Fig. 3) or in thyroid weight (Table 1) was observed in either species of

"...relative liver weight, microsomal P450 content and microsomal O-dealkylase activities of 7-pentoxy-, 7-benzyroxy-, an

"...relative liver weight, microsomal P450 content and microsomal O-dealkylase activities of 7-pentoxy-, 7-benzyroxy-, an
"...relative liver weight, microsomal P450 content and microsomal O-dealkylase activities of 7-pentoxy-, 7-benzyroxy-, an
"...relative liver weight, microsomal P450 content and microsomal O-dealkylase activities of 7-pentoxy-, 7-benzyroxy-, an

Dosing for 2 weeks prior to mating and throughout gestation and lactation (rats); blood pressure measured at 8-10 weeks

18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
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18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
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18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
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18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE

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Dziennis et al.	2008	604867
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Dziennis et al.	2008	604867
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Colciago et al.	2009	625490
Colciago et al.	2009	625490
Colciago et al.	2009	625490
Colciago et al.	2009	625490
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Colciago et al.	2009	625490
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French et al.	2001	625514
French et al.	2001	625514
French et al.	2001	625514
French et al.	2001	625514
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Segre et al.	2002	625585
Segre et al.	2002	625585
Segre et al.	2002	625585
Segre et al.	2002	625585
Segre et al.	2002	625585
Segre et al.	2002	625585
Segre et al.	2002	625585
Segre et al.	2002	625585
Segre et al.	2002	625585
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Zahalka et al.	2001	625812
Zahalka et al.	2001	625812
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Zahalka et al.	2001	625812
Zahalka et al.	2001	625812
Zahalka et al.	2001	625812
Zahalka et al.	2001	625812
Zahalka et al.	2001	625812

sex ratio
offspring body weight
enzyme induction
blood glucose
body temperature
sensitivity to ischemic brain injury
gestation length
numbers of pups per litter
sex hormone levels in females
sex hormone levels in males
arterial CO2 tension, arterial O2 tension
serum melatonin
number of animals/litter
body weight at the end of puberty
food consumption
spontaneous locomotor activity
Morris water maze
passive avoidance, forced swimming test, elevated zero maze test
percent of females displaying regular cycles
mean age at vaginal opening
age at testicular descent
number of females showing a lordotic response
male copulatory behavior
offspring body mass
fT4, fT3, tT4, tT3 (P0)
fT4, fT3, tT4, tT3 (F1)
body lipid content
metabolic rate by oxygen consumption
adrenal weight
EROD activity, BROD activity, microsomal protein
liver weight, liver somatic index
serum antibody titer to the antigen DNP-KLH
response to conA in thymocytes and splenocytes
thymus and spleen cellularity
spleen and thymus weights
WBC counts and differentials
uterus weight
testis weight
litter size
litter size
pup body weight
pup body weight
HPT hormones
HPT hormones
weight of various brain regions
brain weight and weight of various brain regions
spatial learning and memory using t-maze delayed alternation and Morris water maze tasks

Sex ratio	Reproductive
Weight and size (early life)	Developmental
Liver enzyme induction	Hepatobiliary
Blood/urinary glucose	Metabolic
Body Temperature/Metabolic Rate	Metabolic
Brain Weight & Histopathology	Nervous System
Gestation Duration/Preterm Birth	Reproductive
Pregnancy/conception rate	Reproductive
Sex Hormone Levels (F)	Reproductive
Sex Hormone Levels (M)	Reproductive
Blood gas tension	Respiratory
Melatonin	Endocrine
Offspring Mortality	Developmental
Weight and Size (Early Life)	Developmental
Digestive System Complaints/Diseases	Gastrointestinal
Motor Function/Development	Nervous System
Cognitive function	Nervous System
Emotional state/affective behavior	Nervous System
Estrous/Menstrual Cycle	Reproductive
Pubertal Development (F)	Reproductive
Pubertal Development (M)	Reproductive
Sexual behavior (F)	Reproductive
Sexual behavior (M)	Reproductive
Weight and Size (Early Life)	Developmental
HPT Hormones	Endocrine
HPT Hormones	Endocrine
Adipose Tissue Size/Weight	Metabolic
Body Temperature/Metabolic Rate	Metabolic
Adrenal Weight	Endocrine
Liver Enzyme Induction	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Antibody Responses	Immune System
Ex Vivo WBC Function	Immune System
Immune Organ Histopathology	Immune System
Immune Organ Size/Weight	Immune System
White Blood Cell (WBC) Counts	Immune System
Reproductive Organ Size/Weight (F)	Reproductive
Reproductive Organ Size/Weight (M)	Reproductive
Offspring mortality	Developmental
Offspring mortality	Developmental
Weight and size (early life)	Developmental
Weight and size (early life)	Developmental
HPT hormones	Endocrine
HPT hormones	Endocrine
Brain Weight & Histopathology	Nervous System
Brain Weight & Histopathology	Nervous System
Cognitive function	Nervous System

Aroclor 1254
Aroclor 1254
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Mixture: PCBs 126, 138, 153, 180
Mixture: PCBs 126, 138, 153, 180
Mixture: PCBs 126, 138, 153, 180
Mixture: PCBs 126, 138, 153, 180
Mixture: PCBs 126, 138, 153, 180
Mixture: PCBs 126, 138, 153, 180
Mixture: PCBs 126, 138, 153, 180
Mixture: PCBs 126, 138, 153, 180
Mixture: PCBs 126, 138, 153, 180
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Mixture: PCBs 126, 138, 153, 180
Mixture: PCBs 126, 138, 153, 180
Mixture: Aroclors 1242, 1254
Mixture: Aroclors 1242, 1254
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Aroclor 1016
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Aroclor 1254
Aroclor 1016

Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Primary
Rat	Oral-cookie	Primary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Secondary
Rat	Injection-ip	Primary
Rat	Injection-sc	Secondary
Rat	Injection-sc	Secondary
Rat	Injection-sc	Secondary
Rat	Injection-sc	Secondary
Rat	Injection-sc	Secondary
Rat	Injection-sc	Secondary
Rat	Injection-sc	Secondary
Rat	Injection-sc	Secondary
Rat	Injection-sc	Secondary
Rat	Injection-sc	Secondary
Rat	Injection-sc	Secondary
Mouse	Oral-diet	Secondary
Mouse	Oral-diet	Primary
Mouse	Oral-diet	Secondary
Mouse	Oral-diet	Secondary
Mouse	Oral-diet	Secondary
Mouse	Oral-diet	Secondary
Mouse	Oral-diet	Secondary
Mouse	Oral-diet	Secondary
Mouse	Oral-diet	Secondary
Mouse	Oral-diet	Secondary
Mouse	Oral-diet	Secondary
Mouse	Oral-diet	Secondary
Mouse	Oral-diet	Secondary
Mouse	Oral-diet	Secondary
Mouse	Oral-diet	Secondary
Mouse	Oral-diet	Secondary
Rat	Oral-gavage	Secondary
Rat	Oral-gavage	Secondary
Rat	Oral-gavage	Secondary
Rat	Oral-gavage	Secondary
Rat	Oral-gavage	Secondary
Rat	Oral-gavage	Secondary
Rat	Oral-gavage	Secondary
Rat	Oral-gavage	Secondary
Rat	Oral-gavage	Secondary

		no	12.5
		no	12.5
		no	12.5
		no	12.5
		no	12.5
	90	30	
		no	13
		no	13
		no	13
		no	13
		no	13
NR (female proven breeders)	161		
		no	6
		no	6
		no	6
		no	6
		no	6
		no	6
		no	10
		no	10
		no	10

-14	43	N/A	N/A	21
-14	43	N/A	N/A	21
-14	43	N/A	N/A	21
-14	43	N/A	N/A	21
-14	43			
-14	43	N/A	N/A	21
-14	43			
-14	43			
15	43	N/A	N/A	21
15	43	N/A	N/A	21
15	43	N/A	N/A	21
15	43	N/A	N/A	21
15	43	N/A	N/A	21
-122	39	40	383	21
-122	39	40	167	21
-122	39	40	167	21
-122	39	40	167	21
-122	39	40	167	21
-122	39	40	167	21
6	23	N/A	N/A	2
6	35	N/A	N/A	14
6	23	N/A	N/A	2

67	2	0	0.1	1
64	2	0	0.1	1
78	2	0	0.1	1
78	2	0	0.1	1
			0.1	1
78	2	0	0.1	1
			0.1	1
			0.1	1
		0	2	2
57	2	0	3.7	3.7
82	2	0	3.7	3.7
56.1	2	0	3.7	3.7
48.2	2	0	3.7	3.7
82	2	0	3.7	3.7
		1	10	25
383	5	1	10	25
167	5	1	25	25
167	5	1	25	25
167	5	1	25	25
167	5	1	25	25
167	5	1	25	25
24	2	0	8	8
36	2	0	8	8
24	2	0	8	8

			N/A
N/A	0.1	N/A	
N/A	0.1	N/A	
N/A	0.1	N/A	
			N/A
N/A	0.1	N/A	
			N/A
			N/A
0.1	1	N/A	
			N/A
			N/A
N/A	2		
			N/A
N/A	3.7	N/A	
			N/A
			N/A
			N/A
N/A	3.7	N/A	
			N/A
N/A	3.7	N/A	
N/A	3.7	N/A	
			N/A
N/A	3.7	N/A	
			N/A
N/A	10		
N/A	10	10	
			N/A
			N/A
N/A	25	25	
N/A	25	25	
N/A	25	25	
			N/A
N/A	25	25	
N/A	25	25	
			N/A
			N/A
			N/A
			N/A
			N/A
			N/A
			N/A
N/A	8	N/A	
			N/A
N/A	8	N/A	
			N/A
N/A	8	N/A	
			N/A

Dosing for 2 weeks prior to mating and throughout gestation and lactation (rats); pup body weight altered at PND45Avera
Dosing for 2 weeks prior to mating and throughout gestation and lactation (rats); PROD activity altered at 6-8 weeks of ag
Dosing for 2 weeks prior to mating and throughout gestation and lactation (rats); blood glucose altered at 8-10 weeks of a

Dosing for 2 weeks prior to mating and throughout gestation and lactation (rats); infarct volume altered at 8-10 weeks of

Dosing for 2 weeks prior to mating and throughout gestation and lactation (rats); plasma estradiol altered at 8-10 weeks

90d old male rats were i.p. injected with 2 mg/kg/d of Aroclor 1254 for 30d. Serum melatonin was altered by treatment (
Dams dosed from GD15-19 and 2x/wk from PND0-21 with 10 mg/kg-d of a PCB mixture (PCB 138, 153, 180, and 126); aut
Dams dosed from GD15-19 and 2x/wk from PND0-21 with 10 mg/kg-d of a PCB mixture (PCB 138, 153, 180, and 126); aut
Dams dosed from GD15-19 and 2x/wk from PND0-21 with 10 mg/kg-d of a PCB mixture (PCB 138, 153, 180, and 126); aut
Dams dosed from GD15-19 and 2x/wk from PND0-21 with 10 mg/kg-d of a PCB mixture (PCB 138, 153, 180, and 126); aut
Dams dosed from GD15-19 and 2x/wk from PND0-21 with 10 mg/kg-d of a PCB mixture (PCB 138, 153, 180, and 126); aut
Dams dosed from GD15-19 and 2x/wk from PND0-21 with 10 mg/kg-d of a PCB mixture (PCB 138, 153, 180, and 126); aut
Dams dosed from GD15-19 and 2x/wk from PND0-21 with 10 mg/kg-d of a PCB mixture (PCB 138, 153, 180, and 126); aut
Dams dosed from GD15-19 and 2x/wk from PND0-21 with 10 mg/kg-d of a PCB mixture (PCB 138, 153, 180, and 126); aut
Dams dosed from GD15-19 and 2x/wk from PND0-21 with 10 mg/kg-d of a PCB mixture (PCB 138, 153, 180, and 126); aut
Dams dosed from GD15-19 and 2x/wk from PND0-21 with 10 mg/kg-d of a PCB mixture (PCB 138, 153, 180, and 126); aut
Dams dosed from GD15-19 and 2x/wk from PND0-21 with 10 mg/kg-d of a PCB mixture (PCB 138, 153, 180, and 126); aut
Dosing for 4 mo prior to mating, throughout gestation and lactation, and continuously in diet until sacrifice at 1 year of ag
Assumed mothers were evaluated at the time offspring were weaned (4 mo exposure pre-mating and exposure through
Dosing for 4 mo prior to mating, throughout gestation and lactation, and continuously in diet until sacrifice at 1 year of ag
Dosing for 4 mo prior to mating, throughout gestation and lactation, and continuously in diet until sacrifice at 1 year of ag
Dosing for 4 mo prior to mating, throughout gestation and lactation, and continuously in diet until sacrifice at 1 year of ag
Dams given 0 or 25 ppm PCBs in diet 4 months prebreeding, diet continued in offspring after weaning at PND21. Litter siz
Dams given 0 or 25 ppm PCBs in diet 4 months prebreeding, diet continued in offspring after weaning at PND21. Litter siz
Dams given 0 or 25 ppm PCBs in diet 4 months prebreeding, diet continued in offspring after weaning at PND21. Litter siz
Dams given 0 or 25 ppm PCBs in diet 4 months prebreeding, diet continued in offspring after weaning at PND21. Litter si
Dams given 0 or 25 ppm PCBs in diet 4 months prebreeding, diet continued in offspring after weaning at PND21. Litter siz
Dams given 0 or 25 ppm PCBs in diet 4 months prebreeding, diet continued in offspring after weaning at PND21. Litter siz
Dams given 0 or 25 ppm PCBs in diet 4 months prebreeding, diet continued in offspring after weaning at PND21. Litter siz
Dams given 0 or 25 ppm PCBs in diet 4 months prebreeding, diet continued in offspring after weaning at PND21. Litter si
Dams given 0 or 25 ppm PCBs in diet 4 months prebreeding, diet continued in offspring after weaning at PND21. Litter si
Dams given 0 or 25 ppm PCBs in diet 4 months prebreeding, diet continued in offspring after weaning at PND21. Litter si
Dosing from GD6-GD21 (rats); litter size evaluated at birthLitter size NR; use defaultGestation length reported as 21 days
Dosing from GD6-PND21 (rats); litter size evaluated at birthLitter size NR; use defaultGestation length reported as 21 days
Dosing of dams from GD6-PND2 and directly to pups from PND3-PND21 (rats); pup body weight measured at PND 2, 7, 14
Dosing from GD6-PND21 (rats); pup body weight altered by PND2Litter size NR; use default"At birth, pups were...redistrib
Dosing of dams from GD6-PND2 and directly to pups from PND3-PND21 (rats); serum thyroid hormone levels measured a
Dosing from GD6-PND21 (rats); serum T4 altered by PND14Litter size NR; use default"At birth, pups were...redistributed t
Dosing of dams from GD6-PND2 and directly to pups from PND3-PND21 (rats); weight of brain regions measured at PND 7
Dosing from GD6-PND21 (rats); brain weight altered by PND2Litter size NR; use default"At birth, pups were...redistributed
Dosing of dams from GD6-PND2 and directly to pups from PND3-PND21 (rats); cognitive function evaluated at PND 23, 70

22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
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22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
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18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
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22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE

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Zahalka et al.	2001	625812
Zahalka et al.	2001	625812
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Meerts et al.	2004	626549
Meerts et al.	2004	626549
Meerts et al.	2004	626549
Meerts et al.	2004	626549
Meerts et al.	2004	626549
Meerts et al.	2004	626549
Meerts et al.	2004	626549
Meerts et al.	2004	626549
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Gilbert et al.	2000	626689
Gilbert et al.	2000	626689
Gilbert et al.	2000	626689
Gilbert et al.	2000	626689
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Brunström et al.	2001	629929
Brunström et al.	2001	629929
Brunström et al.	2001	629929
Brunström et al.	2001	629929
Brunström et al.	2001	629929
Brunström et al.	2001	629929
Brunström et al.	2001	629929
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Nguon et al.	2005	629930
Nguon et al.	2005	629930
Nguon et al.	2005	629930
Nguon et al.	2005	629930
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Roegge et al.	2004	629932
Roegge et al.	2004	629932
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Roegge et al.	2004	629932
Roegge et al.	2004	629932
Roegge et al.	2004	629932
Roegge et al.	2004	629932
Roegge et al.	2004	629932
Roegge et al.	2004	629932
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Arnold et al.	2000	652025

spatial learning and memory using t-maze delayed alternation and Morris water maze tasks
dopamine and norepinephrine levels in 6 brain regions
dopamine and norepinephrine levels in 6 brain regions
dopamine levels in dialysates (extra neuronal DA) from the striatum
sperm count and sperm motility in epididymal sperm
litter size, resorptions
sex ratio
offspring body weight
TH measurement (F0)
TH measurement (F1)
open field testing
passive avoidance, open field testing
dopamine and serotonin metabolites
auditory thresholds (brain stem auditory evoked potentials BAEPS)
litter size
pup weight
spatial learning (Morris water maze)
swim speed (Morris water maze)
electrophysiology
auditory assessment using distortion product otoacoustic emissions (DPOAE) to assess otoxocity and cochlear function
frequency of abnormalities
% mated females whelping, litter size (live kits), numbers of 2-week-old kits per mated female, survival frequency, viabili
birth weight, kit weight at 2 and 5 weeks of age
adrenal weight (F1)
hepatic ethoxyresorufin-O-dealkylase (EROD) and pentoxyresorufin-O-dealkylase (PROD) activity (P0)
liver weight (F1)
thymus wt (F1)
litter size (dead and live kits), % mated females whelping
ear unfolding, eye opening
litter size, mortality
neonatal body mass
cerebellar mass
startle response
righting time, negative geotaxis, rotarod, startle response
litter size, % live births
% male pups
pup body weights
liver weight (P0)
liver weight (F1)
thymus weight
brain weight
motor testing: rope climb, parallel bars, rotating rod
gestation length
litter size
series of spatial alternation tasks (cued spatial alternation) CA, noncued spatial alternation (NCA), and delayed spatial alt
external anomalies
external anomalies

Cognitive function	Nervous System
Neurotransmitter levels	Nervous System
Neurotransmitter levels	Nervous System
Neurotransmitter levels	Nervous System
Sperm/semen parameters	Reproductive
Offspring mortality	Developmental
Sex ratio	Reproductive
Weight and size (early life)	Developmental
HPT hormones	Endocrine
HPT hormones	Endocrine
Motor Function/Development	Nervous System
Emotional state/affective behavior	Nervous System
Neurotransmitter levels	Nervous System
Visual, Auditory, and Olfactory Function	Nervous System
Offspring mortality	Developmental
Weight and size (early life)	Developmental
Cognitive function	Nervous System
Motor Function/Development	Nervous System
Neurophysiology	Nervous System
Visual, Auditory, and Olfactory Function	Nervous System
Birth Defects	Developmental
Offspring Mortality	Developmental
Weight and Size (Early Life)	Developmental
Adrenal Weight	Endocrine
Liver Enzyme Induction	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Immune Organ Size/Weight	Immune System
Pregnancy/conception rate	Reproductive
Developmental Milestones	Developmental
Offspring Mortality	Developmental
Weight and Size (Early Life)	Developmental
Brain Weight & Histopathology	Nervous System
Visual, Auditory, and Olfactory Function	Nervous System
Motor Function/Development	Nervous System
Offspring Mortality	Developmental
Sex Ratio	Reproductive
Weight and Size (Early Life)	Developmental
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Immune Organ Size/Weight	Immune System
Brain Weight & Histopathology	Nervous System
Motor Function/Development	Nervous System
Gestation Duration/Preterm Birth	Reproductive
Pregnancy/conception rate	Reproductive
Cognitive function	Nervous System
Birth defects	Developmental
Birth defects	Developmental

Aroclor 1254
Aroclor 1016
Aroclor 1254
Aroclor 1254
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Aroclor 1254
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Fox River PCB mixture
Clophen A50
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Aroclor 1254
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Rat	Oral-gavage	Secondary
Rat	Oral-gavage	Secondary
Rat	Oral-gavage	Secondary
Rat	Oral-cookie	Primary
Rat	Injection-ip	Primary
Rat	Oral-gavage	Secondary
Rat	Oral-gavage	Secondary
Rat	Oral-gavage	Secondary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Secondary
Rat	Oral-gavage	Secondary
Rat	Oral-gavage	Secondary
Rat	Oral-gavage	Secondary
Rat	Oral-gavage	Secondary
Rat	Oral-gavage	Secondary
Rat	Oral-gavage	Secondary
Rat	Oral-gavage	Secondary
Rat	Oral-gavage	Secondary
Rat	Oral-gavage	Secondary
Rat	Oral-cookie	Secondary
Mink	Oral-diet	Secondary
Mink	Oral-diet	Secondary
Mink	Oral-diet	Secondary
Mink	Oral-diet	Secondary
Mink	Oral-diet	Primary
Mink	Oral-diet	Secondary
Mink	Oral-diet	Secondary
Mink	Oral-diet	Primary
Rat	Oral-syringe	Secondary
Rat	Oral-syringe	Secondary
Rat	Oral-syringe	Secondary
Rat	Oral-syringe	Secondary
Rat	Oral-syringe	Secondary
Rat	Oral-syringe	Secondary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Primary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Primary
Rat	Oral-cookie	Primary
Rat	Oral-cookie	Secondary
Rat	Oral-diet	Secondary
Rat	Oral-gavage	Secondary

		no	10
84	3		
90	30		
		no	8
		no	8
		no	8
		no	10
		no	9.3
		no	3.8
		no	2
		no	5.9
182	547		
		no	3.8
182	547		
		no	12
		no	12
		no	12
		no	12
		no	12
		no	12
		no	11.9
		no	11.9
		no	11.9
		no	11.9
		no	10

6	35	N/A	N/A	14
10	16	N/A	N/A	4
10	16	N/A	N/A	21
10	16	N/A	N/A	21
6	43	N/A	N/A	21
-28	43	N/A	N/A	21
-128	52	N/A	N/A	0
-493	52	N/A	N/A	0
-493	66	N/A	N/A	14
-128	52	N/A	N/A	0
11	33	N/A	N/A	11
11	22	N/A	N/A	0
11	22	N/A	N/A	0
11	28	N/A	N/A	6
11	33	N/A	N/A	11
11	25	N/A	N/A	3
-28	24	N/A	N/A	2
-28	38	N/A	N/A	21
-28	38	N/A	N/A	21
-28	38	N/A	N/A	21
-28	38	N/A	N/A	21

36	2	0	8	8
		0	25	25
		0	2	2
26	2	0	25	25
152	2	0	25	25
332	2	0	25	25
		0	25	25
174	2	0	6	6
222	2	0	1	6
52	3	1	0.1	0.3
52	3	1	0.1	0.3
66	2	1	0.1	0.3
		1	0.1	0.3
52	3	1	0.1	0.3
		1	0.1	0.3
33	2	0	10	10
22	3	0	10	10
22	3	0	10	10
28	2	0	10	10
33	2	0	10	10
25	2	0	10	10
24	2	0	6	6
43	2	0	6	6
43	2	0	6	6
43	2	0	6	6
132	2	0	6	6

			N/A
			N/A
N/A		8	N/A
N/A		25	
N/A		2	
			N/A
			N/A
			N/A
			N/A
N/A		25	N/A
N/A		25	N/A
			N/A
N/A		25	N/A
			N/A
			N/A
			N/A
			N/A
			N/A
N/A		6	N/A
	1	3	N/A
	0.1	0.3	N/A
	0.1	0.3	N/A
N/A		0.1	N/A
			N/A
N/A		0.1	
			N/A
	0.1	0.3	N/A
	0.1	0.3	
N/A		10	N/A
N/A		10	N/A
N/A		10	N/A
N/A		10	N/A
N/A		10	N/A
N/A		10	N/A
			N/A
			N/A
N/A		6	N/A
			N/A
N/A		6	N/A
N/A		6	N/A
N/A		6	N/A
			N/A
			N/A
			N/A
N/A		6	N/A
			N/A
			N/A

Dosing from GD6-PND21 (rats); cognitive function evaluated at PND 23, 70Litter size NR; use default"At birth, pups were..
Dosing of dams from GD6-PND2 and directly to pups from PND3-PND21 (rats); neurotransmitter levels measured at PND
Dosing from GD6-PND21 (rats); norepinephrine altered by PND14Litter size NR; use default"At birth, pups were...redistrib
Adult rats (reported as approx 12 wks age = 84 d) exposed for 3 d, 1, 2 or 8 wk. Dopamine concentrations altered after all
N/A

Dosing from GD10-16 (rats); serum TT4 altered by PND4Litters were culled to 8 pups each on PND4
Dosing from GD10-16 (rats); open field behavior evaluated at PND130Litters were culled to 8 pups each on PND4

Dosing from GD10-16 (rats); 5-HIAA levels altered at PND310-325Litters were culled to 8 pups each on PND4

Dosing from GD6-PND21 (rats); electrophysiology evaluated between 5 and 7 months of ageLitters were culled to 10 pup
Dosing of the dams began 28 days prior to mating and ended at PND21. Dosed with 0, 1, 3, or 6 mg/kg on cookie. Litter si
Maternal dose, (low 0.1 or high 0.3 oral in mg/d diet as calculated by authors) started approx 180 days before parturition
Maternal dose, (low 0.1 or high 0.3 oral in mg/d diet as calculated by authors) started approx 180 days before parturition
Maternal dose, (low 0.1 or high 0.3 oral in mg/d diet as calculated by authors) started approx 180 days before parturition
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Maternal dose, (low 0.1 or high 0.3 oral in mg/d diet as calculated by authors) started approx 180 days before parturition
Maternal dose, (low 0.1 or high 0.3 oral in mg/d diet as calculated by authors) started approx 180 days before parturition
Rat dams dosed from GD11 to PND 21 with 10 mg/kg/d of Aroclor 1254 via syringe. Litter size of LOAEL dose group repor
Rat dams dosed from GD11 to PND 21 with 10 mg/kg/d of Aroclor 1254 via syringe. Litter size of LOAEL dose group repor
Rat dams dosed from GD11 to PND 21 with 10 mg/kg/d of Aroclor 1254 via syringe. Litter size of LOAEL dose group repor
Rat dams dosed from GD11 to PND 21 with 10 mg/kg/d of Aroclor 1254 via syringe. Litter size of LOAEL dose group repor
Rat dams dosed from GD11 to PND 21 with 10 mg/kg/d of Aroclor 1254 via syringe. Litter size of LOAEL dose group repor
Rat dams dosed from GD11 to PND 21. Litter size of LOAEL dose group reported to be 12 (page 114); culled to 10 pups on
Rat dams dosed from 4 weeks prior to breeding through PND 16. On PND 2, litters were reduced to 10 pups (5M and 5F)
Rat dams dosed from 4 weeks prior to breeding through PND 16. On PND 2, litters were reduced to 10 pups (5M and 5F)
Rat dams dosed from 4 weeks prior to breeding through PND 16. On PND 2, litters were reduced to 10 pups (5M and 5F)
Long Evans rats were dosed with 6 mg/kg-d AR1254 from 4 weeks prior to breeding through PND 16 (28+22+16=66d) usi
Rat dams dosed from 4 weeks prior to breeding through PND 16. Liver:body weight in pups significantly different at PND
Rat dams dosed from 4 weeks prior to breeding through PND 16. Litters culled to 10 pups on PND 2. Signifcant increase i
Rat dams dosed from 4 weeks prior to breeding through PND 16. Litter size of LOAEL dose group was 11.9 (Table 1). Litte
Rat dams dosed from 4 weeks prior to breeding through PND 16. Litters culled to 10 pups on PND 2. No significant effect
Long Evans rats were dosed with 6 mg/kg-d AR1254 from 4 weeks prior to breeding through PND 16 (28+22+16=66d) usi
Long Evans rats were dosed with 6 mg/kg-d AR1254 from 4 weeks prior to breeding through PND 16 (28+22+16=66d) usi
Dams exposed 28 days prior to mating through PND16; delayed spatial alternation performance altered after PND110Litt
Sprague Dawley and Fischer 344 rat dams were dosed for 28 days and then mated, continuing exposure during gestation
Sprague Dawley and Fischer 344 rat dams were dosed for 28 days and then mated, continuing exposure during gestation

22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
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22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
52	0.9	0.312	0.066	5	56 COMPLETE
52	0.9	0.312	0.066	5	56 COMPLETE
52	0.9	0.312	0.066	5	56 COMPLETE
52	0.9	0.312	0.066	5	56 COMPLETE
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52	0.9	0.312	0.066	5	56 COMPLETE
52	0.9	0.312	0.066	5	56 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
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22	0.9	0.094	0.154	10	21 COMPLETE

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Geniece
Geniece
Geniece

Arnold et al.	2000	652025
Arnold et al.	2000	652025
Arnold et al.	2000	652025
Arnold et al.	2000	652025
Arnold et al.	2000	652025
Arnold et al.	2000	652025
Chu et al.	2008	652364
Chu et al.	2008	652364
Chu et al.	2008	652364

litter size, survival indices
litter size, survival indices
pup weight
pup weight
litter size
litter size
heart histopathology (F1)
heart weight (P0)
heart weight (F1)
litter size, number of resorption sites, ratio of pups born to implantation sites, litter mortality, pup mortality
growth rate, pup body weight
adrenal histopathology (F1)
adrenal weight (P0)
T4, T3, TSH (F1)
parathyroid histopathology (F1)
thyroid histopathology (F1)
histopathology: esophagus, stomach, small and large intestines, colon (F1)
serum cholesterol (P0)
serum cholesterol (F1)
EROD, PROD, and BROD activities (P0)
EROD, PROD, and BROD activities (F1)
liver histopathology (F1)
liver weight (P0)
liver weight (F1)
liver retinoids (P0)
liver retinoids (F1)
spleen histopathology (F1)
thymus weight (P0)
spleen and thymus weight (F1)
pancreatic histopathology (F1)
brain weight (P0)
brain weight (F1), brain histopathology
gestation period
histopathology: ovaries, uteri, vagina (F1)
histopathology: testes, epididymis, prostate, seminal vesicles (F1)
ovary weight (P0)
uterus and ovary weights (F1)
testes, epididymis weights (F1)
lung histopathology (F1)
kidney histopathology (F1)
kidney weight (P0)
kidney weight (F1)
fixed interval presses, transition bursts
fixed interval presses, response bursts, transition presses
differential reinforcement of high rate (DRH) operant task, DRL responses
pregnancy rate
eye opening

Offspring Mortality	Developmental
Offspring Mortality	Developmental
Weight and Size (Early Life)	Developmental
Weight and Size (Early Life)	Developmental
Pregnancy/conception rate	Reproductive
Pregnancy/conception rate	Reproductive
Cardiovascular Histopathology	Cardiovascular
Heart Size/Weight	Cardiovascular
Heart Size/Weight	Cardiovascular
Offspring Mortality	Developmental
Weight and Size (Early Life)	Developmental
Adrenal Histopathology	Endocrine
Adrenal Weight	Endocrine
HPT Hormones	Endocrine
Parathyroid Histopathology	Endocrine
Thyroid Histopathology	Endocrine
Gastrointestinal Histopathology	Gastrointestinal
Cholesterol	Hepatobiliary
Cholesterol	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Liver Histopathology	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Micronutrients	Hepatobiliary
Micronutrients	Hepatobiliary
Immune Organ Histopathology	Immune System
Immune Organ Size/Weight	Immune System
Immune Organ Size/Weight	Immune System
Pancreatic Histopathology	Metabolic
Brain Weight & Histopathology	Nervous System
Brain Weight & Histopathology	Nervous System
Gestation Duration/Preterm Birth	Reproductive
Reproductive Organ Histopathology (F)	Reproductive
Reproductive Organ Histopathology (F)	Reproductive
Reproductive Organ Size/Weight (F)	Reproductive
Reproductive Organ Size/Weight (F)	Reproductive
Reproductive Organ Size/Weight (M)	Reproductive
Pulmonary Histopathology	Respiratory
Kidney Histopathology	Urinary System
Kidney Weight	Urinary System
Kidney Weight	Urinary System
Emotional state/affective behavior	Nervous System
Cognitive function	Nervous System
Cognitive function	Nervous System
Pregnancy/conception rate	Reproductive
Developmental milestones	Developmental

Aroclor 1254
Aroclor 1254
Aroclor 1254
Aroclor 1254
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Aroclor 1254
Aroclor 1254
Aroclor 1254
Aroclor 1254
Aroclor 1254
Aroclor 1254
Aroclor 1254
Aroclor 1248
Aroclor 1248
Fox River PCB mixture
Fox River PCB mixture
Fox River PCB mixture

Rat	Oral-diet	Secondary
Rat	Oral-gavage	Secondary
Rat	Oral-diet	Secondary
Rat	Oral-gavage	Secondary
Rat	Oral-diet	Primary
Rat	Oral-gavage	Primary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Primary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Primary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Primary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Primary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Primary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Primary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Primary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Primary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Primary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Primary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Primary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Primary
Rat	Oral-cookie	Secondary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Primary
Rat	Oral-cookie	Secondary

1	45	N/A	N/A	23
1	33	N/A	N/A	11
1	45	N/A	N/A	23
1	45	N/A	N/A	23
1	45	N/A	N/A	23
1	45	N/A	N/A	23
1	45	N/A	N/A	23
1	45	N/A	N/A	23
1	45	N/A	N/A	23
1	45	N/A	N/A	23
1	45	N/A	N/A	23
1	45	N/A	N/A	23
1	45	N/A	N/A	23
1	45	N/A	N/A	23
-28	43	N/A	N/A	21

57	2	0	15	15
33	2	0	15	15
57	2	0	15	15
57	2	0	15	15
		0	15	15
57	2	0	15	15
57	2	0	15	15
57	2	0	15	15
		0	15	15
57	2	0	15	15
57	2	0	15	15
57	2	0	15	15
57	2	0	15	15
57	2	0	15	15
57	2	0	15	15
		1	0.5	0.5
		1	0.5	0.5
257	2	0	1	6
		0	1	6

			N/A
			N/A
			N/A
			N/A
			N/A
			N/A
			N/A
			N/A
N/A		15	N/A
			N/A
N/A		15	N/A
			N/A
			N/A
N/A		15	N/A
			N/A
N/A		15	N/A
			N/A
			N/A
N/A		15	
N/A		15	N/A
N/A		15	N/A
			N/A
N/A		15	N/A
N/A		15	
N/A		15	N/A
N/A		15	N/A
			N/A
N/A		15	N/A
			N/A
			N/A
N/A		15	N/A
			N/A
			N/A
			N/A
			N/A
N/A		15	N/A
			N/A
			N/A
			N/A
			N/A
N/A		15	N/A
N/A		0.5	
N/A		0.5	
	1	3	N/A
N/A		1	
			N/A

Sprague Dawley and Fischer 344 rat dams were dosed for 28 days and then mated, continuing exposure during gestation
Sprague Dawley and Fischer 344 rat dams were dosed for 28 days and then mated, continuing exposure during gestation
Sprague Dawley and Fischer 344 rat dams were dosed for 28 days and then mated, continuing exposure during gestation
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Sprague Dawley and Fischer 344 rat dams were dosed for 28 days and then mated, continuing exposure during gestation
Sprague Dawley and Fischer 344 rat dams were dosed for 28 days and then mated, continuing exposure during gestation
Rat dams dosed from GD1 to PND 23 with 15 mg/kg A1254. On PND 4, litters were culled to 8 pups; use default litter size
Rat dams dosed from GD1 to PND 23 with 15 mg/kg A1254. On PND 4, litters were culled to 8 pups; use default litter size
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Rat dams dosed from GD1 to PND 23 with 15 mg/kg A1254. On PND 4, litters were culled to 8 pups; use default litter size
Rat dams dosed from GD1 to PND 23. On PND 4, litters were culled to 8 pups; use default litter size. At experiment onset,
Rat dams dosed from GD1 to PND 23. On PND 4, litters were culled to 8 pups; use default litter size. At experiment onset,
Pregnant rats were given 15 mg/kg-d AR 1254 in corn oil on a cookie from GD1 to PND 23. On PND 4, litters were culled t
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Pregnant rats were given 15 mg/kg-d AR 1254 in corn oil on a cookie from GD1 to PND 23. For endpoints measured at pa
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Pregnant rats were given 15 mg/kg-d AR 1254 in corn oil on a cookie from GD1 to PND 23. On PND 4, litters were culled t
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Rat dams dosed from GD1 to PND 23 with 15 mg/kg A1254. On PND 4, litters were culled to 8 pups; use default litter size
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Rat dams dosed from GD1 to PND 23. On PND 4, litters were culled to 8 pups; use default litter size. At experiment onset,
Rat dams dosed from GD1 to PND 23 with 15 mg/kg A1254. On PND 4, litters were culled to 8 pups; use default litter size
Adolescent male rats were fed a diet containing 0.5 ug/g Aroclor 1248 for 30 d. Starting age (35 d) reported in Table 1. In
Adolescent male rats were fed a diet containing 0.5 ug/g Aroclor 1248 for 30 d. Starting age (35 d) reported in Table 1. In
Dosing for 28 days prior to mating and throughout gestation and lactation (rats); operant behavior evaluated at PND235L
Starting age was "approximately 60 days", and animals were assigned to exposure groups "after 2 weeks of adaptation to

22	0.9	0.094	0.154	10	21 COMPLETE

Geniece
Geniece
Geniece
Geniece
Geniece
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Chelsea
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Chelsea

Sable et al.	2009	656579
Sable et al.	2009	656579
Sable et al.	2009	656579
Sable et al.	2009	656579
Sable et al.	2009	656579
Sable et al.	2009	656579
Sable et al.	2009	656579
Sable et al.	2009	656579
Sable et al.	2009	656579
Storm et al.	1981	657868
Storm et al.	1981	657868
Storm et al.	1981	657868
Storm et al.	1981	657868
Gellert	1978	668886
Gellert	1978	668886
Gellert	1978	668886
Gellert	1978	668886
Gellert	1978	668886
Gellert	1978	668886
Gellert	1978	668886
Gellert	1978	668886
Gellert	1978	668886
Gellert	1978	668886
Gellert	1978	668886
Gellert	1978	668886
Gellert	1978	668886
Gellert	1978	668886
Gellert	1978	668886
Gellert	1978	668886
Gellert	1978	668886
Gellert	1978	668886
Gellert	1978	668886
Gellert	1978	668886
Gellert	1978	668886
Gellert	1978	668886
Gellert	1978	668886
Gellert	1978	668886
Gellert	1978	668886
Gellert	1978	668886
Gellert	1978	668886
Gellert	1978	668886
Gellert	1978	668886
Ngui and Bandiera	1999	671972
Ngui and Bandiera	1999	671972

litter size, percent live births
percent males
pup weight
liver-to-body wt. ratio, liver weight (F0)
liver-to-body wt. ratio, liver weight (F1)
thymus to body wt ratio
brain body weight ratio
operant task of timing and inhibitory control using differential reinforcement low rate operant tasks
litter size, pregnancy rate
litter size, litter number
open field testing
conditioned avoidance response training
litter size, litter number
body weight
body weight
body weight
body weight
adrenal weight
adrenal weight
adrenal weight
adrenal weight
anterior pituitary weight
anterior pituitary weight
anterior pituitary weight
anterior pituitary weight
corpora lutea
corpora lutea
corpora lutea
corpora lutea
age at vaginal opening
age at vaginal opening
age at vaginal opening
age at vaginal opening
fraction of rats with persistent vaginal estrus
fraction of rats with persistent vaginal estrus
fraction of rats with persistent vaginal estrus
fraction of rats with persistent vaginal estrus
uterine weights
uterine weights
uterine weights
uterine weights
ovarian and uterine weights
ovarian and uterine weights
ovarian and uterine weights
ovarian and uterine weights
cytochrome P-450 enzymes protein concentrations and activity (CYP1A1, CYP2A1, CYP3A, CYP2B1, CYP2B2, CYP2C11), an
liver weight

Offspring mortality	Developmental
Sex ratio	Reproductive
Weight and size (early life)	Developmental
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Immune Organ Size/Weight	Immune System
Brain Weight & Histopathology	Nervous System
Cognitive function	Nervous System
Pregnancy/conception rate	Reproductive
Offspring mortality	Developmental
Motor Function/Development	Nervous System
Emotional state/affective behavior	Nervous System
Pregnancy/conception rate	Reproductive
Weight and Size (Early Life)	Developmental
Weight and Size (Early Life)	Developmental
Weight and Size (Early Life)	Developmental
Weight and Size (Early Life)	Developmental
Adrenal Weight	Endocrine
Adrenal Weight	Endocrine
Adrenal Weight	Endocrine
Adrenal Weight	Endocrine
Pituitary Weight	Endocrine
Pituitary Weight	Endocrine
Pituitary Weight	Endocrine
Pituitary Weight	Endocrine
Ovulation	Reproductive
Ovulation	Reproductive
Ovulation	Reproductive
Ovulation	Reproductive
Pubertal Development (F)	Reproductive
Pubertal Development (F)	Reproductive
Pubertal Development (F)	Reproductive
Pubertal Development (F)	Reproductive
Reproductive aging	Reproductive
Reproductive aging	Reproductive
Reproductive aging	Reproductive
Reproductive aging	Reproductive
Reproductive Organ Size/Weight (F)	Reproductive
Reproductive Organ Size/Weight (F)	Reproductive
Reproductive Organ Size/Weight (F)	Reproductive
Reproductive Organ Size/Weight (F)	Reproductive
Reproductive Organ Size/Weight (F)	Reproductive
Reproductive Organ Size/Weight (F)	Reproductive
Reproductive Organ Size/Weight (F)	Reproductive
Reproductive Organ Size/Weight (F)	Reproductive
Liver Enzyme Induction	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary

Fox River PCB mixture
Fox River PCB mixture
Fox River PCB mixture
Fox River PCB mixture
Fox River PCB mixture
Fox River PCB mixture
Fox River PCB mixture
Fox River PCB mixture
Fox River PCB mixture
Aroclor 1254
Aroclor 1254
Aroclor 1254
Aroclor 1254
Aroclor 1221
Aroclor 1242
Aroclor 1254
Aroclor 1260
Aroclor 1221
Aroclor 1242
Aroclor 1254
Aroclor 1260
Aroclor 1221
Aroclor 1242
Aroclor 1254
Aroclor 1260
Aroclor 1221
Aroclor 1242
Aroclor 1254
Aroclor 1260
Aroclor 1221
Aroclor 1242
Aroclor 1254
Aroclor 1260
Aroclor 1221
Aroclor 1242
Aroclor 1254
Aroclor 1260
Aroclor 1221
Aroclor 1242
Aroclor 1254
Aroclor 1260
Aroclor 1221
Aroclor 1242
Aroclor 1254
Aroclor 1260
Aroclor 1260
Aroclor 1260

Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Primary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Primary
Mouse	Oral-diet	Secondary
Mouse	Oral-diet	Secondary
Mouse	Oral-diet	Secondary
Mouse	Oral-diet	Primary
Rat	Injection-sc	Primary, pre-weaning
Rat	Injection-sc	Primary, pre-weaning
Rat	Injection-sc	Primary, pre-weaning
Rat	Injection-sc	Primary, pre-weaning
Rat	Injection-sc	Primary, pre-weaning
Rat	Injection-sc	Primary, pre-weaning
Rat	Injection-sc	Primary, pre-weaning
Rat	Injection-sc	Primary, pre-weaning
Rat	Injection-sc	Primary, pre-weaning
Rat	Injection-sc	Primary, pre-weaning
Rat	Injection-sc	Primary, pre-weaning
Rat	Injection-sc	Primary, pre-weaning
Rat	Injection-sc	Primary, pre-weaning
Rat	Injection-sc	Primary, pre-weaning
Rat	Injection-sc	Primary, pre-weaning
Rat	Injection-sc	Primary, pre-weaning
Rat	Injection-sc	Primary, pre-weaning
Rat	Injection-sc	Primary, pre-weaning
Rat	Injection-sc	Primary, pre-weaning
Rat	Injection-sc	Primary, pre-weaning
Rat	Injection-sc	Primary, pre-weaning
Rat	Injection-sc	Primary, pre-weaning
Rat	Injection-sc	Primary, pre-weaning
Rat	Injection-sc	Primary, pre-weaning
Rat	Injection-sc	Primary, pre-weaning
Rat	Injection-sc	Primary, pre-weaning
Rat	Injection-sc	Primary, pre-weaning
Rat	Injection-sc	Primary, pre-weaning
Rat	Injection-sc	Primary, pre-weaning
Rat	Injection-sc	Primary, pre-weaning
Rat	Injection-sc	Primary, pre-weaning
Rat	Injection-sc	Primary, pre-weaning
Rat	Injection-sc	Primary, pre-weaning
Rat	Injection-sc	Primary, pre-weaning
Rat	Injection-sc	Primary, pre-weaning
Rat	Injection-sc	Primary, pre-weaning
Rat	Injection-sc	Primary, pre-weaning
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary

	no	11
	no	11
	no	11
	no	10
	no	10
50	3	

-28	43	N/A	N/A	21
-28	43	N/A	N/A	21
-28	43	N/A	N/A	21
-3	39	40	45	21
-3	39	40	41	21

24	25
24	25
24	25
24	25
24	25
24	25

43	2	0	1	3
43	2	0	1	3
202	2	0	1	3
45	5	1	11	82
41	5	1	11	82
		1	11	82
265	4	0	100	1000
235	4	0	100	100
265	4	0	100	1000
265	4	0	100	1000
50	4	0	100	1000
205	4	0	100	1000
		0	1	1000
		0	0.5	50
		0	0.5	50

			N/A
			N/A
			N/A
			N/A
N/A	1	N/A	
N/A	1	N/A	
			N/A
N/A	1	N/A	
			N/A
			N/A
N/A	11	11	
N/A	11	11	
82	N/A		N/A
100		1000	
			N/A
			N/A
			N/A
			N/A
			N/A
N/A		100	
			N/A
100		1000	
			N/A
			N/A
			N/A
100		1000	
			N/A
			N/A
			N/A
100		1000	
			N/A
			N/A
			N/A
100		1000	
			N/A
			N/A
			N/A
100	1000		
			N/A
			N/A
			N/A
			N/A
			N/A
			N/A
			N/A
N/A	0.5		
0.5	5		

Dosing for 28 days prior to mating and throughout gestation and lactation (rats); pup liver weight was altered at PND21A

Dosing for 28 days prior to mating and throughout gestation and lactation (rats); pup thymus weight was altered at PND2

Dosing for 28 days prior to mating and throughout gestation and lactation (rats); operant behavior evaluated at PND180A

Dosing for 3 days prior to mating and throughout gestation and lactation (mice); litter number and size measured at birth

Dosing for 3 days prior to mating and throughout gestation and lactation (mice); altered open field behavior observed at

Dosing for 3 days prior to mating and throughout gestation and lactation (mice); altered conditioned avoidance response

Dosing for 3 days prior to mating and throughout gestation and lactation (mice); litter size and litter number as reproduct

Pups injected sc at PND 2 and 3 with 1 mg or 10 mg. "The effective dose of 10 mg given for 2 days to a 10-g pup is equival

Pups injected sc at PND 2 and 3 with 1 mg or 10 mg. "The effective dose of 10 mg given for 2 days to a 10-g pup is equival

Pups injected sc at PND 2 and 3 with 1 mg or 10 mg. "The effective dose of 10 mg given for 2 days to a 10-g pup is equival

Pups injected sc at PND 2 and 3 with 1 mg or 10 mg. "The effective dose of 10 mg given for 2 days to a 10-g pup is equival

Pups injected sc at PND 2 and 3 with 1 mg. "The effective dose of 10 mg given for 2 days to a 10-g pup is equivalent to 20

Pups injected sc at PND 2 and 3 with 1 mg. "The effective dose of 10 mg given for 2 days to a 10-g pup is equivalent to 20

Pups injected sc at PND 2 and 3 with 1 mg. "The effective dose of 10 mg given for 2 days to a 10-g pup is equivalent to 20

Pups injected sc at PND 2 and 3 with 1 mg. "The effective dose of 10 mg given for 2 days to a 10-g pup is equivalent to 20

Pups injected sc at PND 2 and 3 with 1 mg or 10 mg. "The effective dose of 10 mg given for 2 days to a 10-g pup is equival

Pups injected sc at PND 2 and 3 with 1 mg or 10 mg. "The effective dose of 10 mg given for 2 days to a 10-g pup is equival

Pups injected sc at PND 2 and 3 with 1 mg or 10 mg. "The effective dose of 10 mg given for 2 days to a 10-g pup is equival

Pups injected sc at PND 2 and 3 with 1 mg or 10 mg. "The effective dose of 10 mg given for 2 days to a 10-g pup is equival

Neonatal treatments of pups were derived from locally purchased pregnant rats; female offspring were injected SC (1 mg

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Pups injected sc at PND 2 and 3. Vaginal opening examined starting at 25 days old, average 28 days for 10 mg 1221 (28+2

Pups injected sc at PND 2 and 3. Vaginal opening examined starting at 25 days old, average 28 days for 10 mg 1221 (28+2

Pups injected sc at PND 2 and 3. Vaginal opening examined starting at 25 days old, average 28 days for 10 mg 1221 (28+2

Pups injected sc at PND 2 and 3. Vaginal opening examined starting at 25 days old, average 28 days for 10 mg 1221 (28+2

Pups injected sc at PND 2 and 3. Estrus assessed at 2, 4, and 6 months. Significant at 6 months (30.42*6=182.52+22) for 1

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Pups injected sc at PND 2 and 3. Estrus assessed at 2, 4, and 6 months. Significant at 6 months (30.42*6=182.52+22) for 1

"Uterotrophic activity of the PCBs was tested in 22-day-old Sprague-Dawley rats...The PCBs were mixed with sesame oil a

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Male Long–Evans rats (7–9 wks old), allowed to acclimatize for at least 7 d prior to initiation of treatment. Age calculated

Male Long–Evans rats (7–9 wks old), allowed to acclimatize for at least 7 d prior to initiation of treatment. Age calculated

22	0.9	0.094	0.154	10	21 COMPLETE

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Sable et al.	2011	708929
Sable et al.	2011	708929
Sable et al.	2011	708929
Sable et al.	2011	708929
Pelletier et al.	2009	711505
Pelletier et al.	2009	711505
Pelletier et al.	2009	711505
Pelletier et al.	2009	711505
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van der Plas	2001	712016
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Lu et al.	2009	758055
Lu et al.	2009	758055
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Lu et al.	2009	758055
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Yang et al.	2009	758056
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Yang et al.	2009	758056
Yang et al.	2009	758056
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Tewari et al.	2009	758057
Tewari et al.	2009	758057
Tewari et al.	2009	758057
Tewari et al.	2009	758057
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Dickerson et al.	2011	759764
Dickerson et al.	2011	759764
Dickerson et al.	2011	759764
Dickerson et al.	2011	759764
Dickerson et al.	2011	759764

pup weight on PND 7, 14, and 21
liver-to-body weight ratio (P0)
liver-to-body weight ratio (F1)
thymus-to-body weight ratio (F1)
litter size, pup survival, mortality rates
gender ratio
pup weight
HPT hormones
thyroid histopathology
T4 and T3
T4 and T3
retinoid levels in liver tissue
retinoid levels in liver tissue
fur fluffiness
food consumption
activity suppression
kidney histopathology
kidney weight
blood urea nitrogen
AGD
litter size
sex ratio
pup weight
T4, T3
EROD activity, P450 content, PROD activity (offspring)
Brain histopathology
Morris water maze (escape latency, animal reach criterion)
gestation length
litter size
vaginal opening
preputial separation
female reproductive organ weight
male reproductive organ weight
estradiol and testosterone
estradiol and testosterone
sperm concentration
litter size
placental weight
fetal weight
average response time of righting reflex
preterm birth
anogenital distance
eye opening
pup body weight
% females with irregular estrous cycles
gestational duration
number of corpora lutea

Weight and Size (Early Life)	Developmental
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Immune Organ Size/Weight	Immune System
Offspring Mortality	Developmental
Sex Ratio	Reproductive
Weight and Size (Early Life)	Developmental
HPT Hormones	Endocrine
Thyroid Histopathology	Endocrine
HPT Hormones	Endocrine
HPT Hormones	Endocrine
Micronutrients	Hepatobiliary
Micronutrients	Hepatobiliary
Alopecia	Dermal
Digestive System Complaints/Diseases	Gastrointestinal
Motor Function/Development	Nervous System
Kidney Histopathology	Urinary System
Kidney Weight	Urinary System
Serum Biomarkers of Renal Function	Urinary System
Anogenital distance	Reproductive
Offspring mortality	Developmental
Sex ratio	Reproductive
Weight and size (early life)	Developmental
HPT hormones	Endocrine
Liver enzyme induction	Hepatobiliary
Brain Weight & Histopathology	Nervous System
Cognitive function	Nervous System
Gestation Duration/Preterm Birth	Reproductive
Pregnancy/conception rate	Reproductive
Pubertal Development (F)	Reproductive
Pubertal Development (M)	Reproductive
Reproductive Organ Size/Weight (F)	Reproductive
Reproductive Organ Size/Weight (M)	Reproductive
Sex Hormone Levels (F)	Reproductive
Sex Hormone Levels (M)	Reproductive
Sperm/semen parameters	Reproductive
Offspring Mortality	Developmental
Placental Weight	Developmental
Weight and Size (Early Life)	Developmental
Motor Function/Development	Nervous System
Gestation Duration/Preterm Birth	Reproductive
Anogenital Distance	Reproductive
Developmental Milestones	Developmental
Weight and Size (Early Life)	Developmental
Estrous/Menstrual Cycle	Reproductive
Gestation Duration/Preterm Birth	Reproductive
Ovulation	Reproductive

Fox River PCB mixture
Fox River PCB mixture
Fox River PCB mixture
Fox River PCB mixture
Mixture: PCBs 28, 52, 99, 101, 105, 118, 128, 138, 153, 156, 170, 180, 183, 187
Mixture: PCBs 28, 52, 99, 101, 105, 118, 128, 138, 153, 156, 170, 180, 183, 187
Mixture: PCBs 28, 52, 99, 101, 105, 118, 128, 138, 153, 156, 170, 180, 183, 187
Mixture: PCBs 28, 52, 99, 101, 105, 118, 128, 138, 153, 156, 170, 180, 183, 187
Mixture: PCBs 28, 52, 99, 101, 105, 118, 128, 138, 153, 156, 170, 180, 183, 187
Aroclor 1254
Aroclor 1260
Aroclor 1254
Aroclor 1260
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Aroclor 1221
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Aroclor 1221

Rat	Oral-diet	Secondary
Rat	Oral-diet	Primary
Rat	Oral-diet	Secondary
Rat	Oral-diet	Secondary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Secondary
Rat	Injection-sc	Primary
Rat	Injection-sc	Primary
Rat	Injection-sc	Primary
Rat	Injection-sc	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Primary
Rat	Oral-cookie	Primary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Secondary
Mouse	Injection-ip	Secondary
Mouse	Injection-ip	Secondary
Mouse	Injection-ip	Secondary
Mouse	Injection-ip	Secondary
Mouse	Injection-ip	Primary
Rat	Injection-ip	Secondary
Rat	Injection-ip	Secondary
Rat	Injection-ip	Secondary
Rat	Injection-ip	Secondary
Rat	Injection-ip	Primary
Rat	Injection-ip	Secondary

		no	10
67	71		
		no	10
		no	10
		no	10
		no	10
42	140		
49	12		
49	12		
49	12		
		no	15
		no	15
		no	15
		no	15
		no	15
		no	15
		no	12.5
		no	12.5
		no	10
		no	10
		no	10
		no	10

-28	36	N/A	N/A	14
-28	43	N/A	N/A	21
-28	43	N/A	N/A	21
1	36	N/A	N/A	14
1	43	N/A	N/A	21
-14	32	N/A	N/A	10
-14	22	N/A	N/A	0
-14	43	N/A	N/A	21
-14	43	N/A	N/A	21
-14	43	N/A	N/A	21
-14	43	N/A	N/A	21
-14	43	N/A	N/A	21
-14	43	N/A	N/A	21
16	18	N/A	N/A	1
16	18	N/A	N/A	14
16	18	N/A	N/A	14
16	18	N/A	N/A	21

36	2	0	3	6
		0	3	6
43	2	0	3	6
43	2	0	3	6
36	2	0	0.011	1.1
43	2	0	0.011	1.1
		0	1.29	1.29
		0	10	10
		0	10	10
		0	10	10
32	2	0	1	6
22	3	0	1	6
43	2	0	1	6
43	2	0	1	6
53	2	0	1	6
46	2	0	1	6
62	2	0	1	6
92	2	0	1	6
		0	1	6
		0	1	6
23	2	0	0.67	0.67
36	2	0	0.67	0.67
36	2	0	0.67	0.67
55	2	0	0.67	0.67

N/A		3	N/A
	3	6	
N/A		3	N/A
N/A		3	N/A
			N/A
			N/A
			N/A
	0.011	1.1	N/A
	0.011	1.1	N/A
N/A		1.29	
			N/A
			N/A
			N/A
			N/A
			N/A
			N/A
N/A		10	
N/A		10	
N/A		10	
N/A		1	N/A
			N/A
	1	6	N/A
			N/A
N/A		1	N/A
N/A		1	N/A
N/A		1	N/A
N/A		1	N/A
			N/A
			N/A
	1	6	N/A
			N/A
			N/A
N/A		1	N/A
			N/A
			N/A
			N/A
			N/A
			N/A
			N/A
			N/A
			N/A
N/A		0.67	N/A
N/A		0.67	N/A
N/A		0.67	N/A
N/A		0.67	N/A
			N/A
			N/A

Rats given PCB mix 4 weeks prior to breeding through weaning at PND21. Dosed with 0, 3, or 6 mg/kg. PCB dissolved in c
Rats given PCB mix 4 weeks prior to breeding through weaning at PND21. Dosed with 0, 3, or 6 mg/kg. Dams sac'd PND2
Rats given PCB mix 4 weeks prior to breeding through weaning at PND21. Dosed with 0, 3, or 6 mg/kg. Litter size NR; use
Rats given PCB mix 4 weeks prior to breeding through weaning at PND21. Dosed with 0, 3, or 6 mg/kg. Litter size NR; use
Rat dams dosed daily from GD1 to PND21 with 0.011 or 1.1 mg/kg bw in cookie (Table 1). Litter size NR, use default. No e
Rat dams dosed daily from GD1 to PND21 with 0.011 or 1.1 mg/kg bw in cookie (Table 1). Litter size NR, use default. No e
Rat dams dosed daily from GD1 to PND21 with 0.011 or 1.1 mg/kg bw in cookie (Table 1). Litter size NR, use default. No e
Rat dams dosed daily from GD1 to PND21 with 0.011 or 1.1 mg/kg bw in cookie (Table 1). Litter size NR, use default. Sign
Rat dams dosed daily from GD1 to PND21 with 0.011 or 1.1 mg/kg bw in cookie (Table 1). Litter size NR, use default. Sign
Rats (6 weeks old) dosed with A1260 or A1254. Given injection once per week for 20 weeks. First injection 5x the dose gi
Rats (6 weeks old) dosed with A1260 or A1254. Given injection once per week for 20 weeks. First injection 5x the dose gi
Rats (6 weeks old) dosed with A1260 or A1254. Given injection once per week for 20 weeks. First injection 5x the dose gi
Rats (6 weeks old) dosed with A1260 or A1254. Given injection once per week for 20 weeks. First injection 5x the dose gi
Male rats dosed with 10 mg/kg A1254 for 12 consecutive days. No effect on fluffiness (p770).
Male rats dosed with 10 mg/kg A1254 for 12 consecutive days. No effect on food consumption (p770).
Male rats dosed with 10 mg/kg A1254 for 12 consecutive days. No effect on activity (p770).
Male rats (6-8 weeks old) dosed with 10 mg/kg A1254 for 12 consecutive days. "slight edema changes of the renal proxin
Male rats (6-8 weeks old) dosed with 10 mg/kg A1254 for 12 consecutive days. Absolute and relative kidney weight affec
Male rats (6-8 weeks old) dosed with 10 mg/kg A1254 for 12 consecutive days. Significant effect on BUN (p770-771, Fig 2
Dosing for 2 weeks prior to mating and throughout gestation and lactation (rats); AGD was altered at PND10 Dams used i

Dosing for 2 weeks prior to mating and throughout gestation and lactation (rats); sex ratio was evaluated at birth Dams u

Dosing for 2 weeks prior to mating and throughout gestation and lactation (rats); serum T3 and T4 were altered at PND21
Dosing for 2 weeks prior to mating and throughout gestation and lactation (rats); EROD was altered at PND21 Dams used
Dosing for 2 weeks prior to mating and throughout gestation and lactation (rats); dendritic growth and plasticity were alt
Dosing for 2 weeks prior to mating and throughout gestation and lactation (rats); Morris water maze performance was alt

Dosing for 2 weeks prior to mating and throughout gestation and lactation (rats); timing of vaginal opening was altered at

Dosing for 2 weeks prior to mating and throughout gestation and lactation (rats); prostate weight was altered at PND70 I

Mouse dams dosed GD4-GD12 with 500 ug A1254. Wild type and IL-10-/-, resulted reported for wild type only. No signifi
Mouse dams dosed GD4-GD12 with 500 ug A1254. Wild type and IL-10-/-, resulted reported for wild type only. No signifi
Mouse dams dosed GD4-GD12 with 500 ug A1254. Wild type and IL-10-/-, resulted reported for wild type only. No signifi
Mouse dams dosed from GD4 to GD12. Righting reflex was assessed at PND 7, and PCB treatment in wild type mice had r
C57BL6 mice were treated with 0, 500 µg AR 1254 via IP injection from GD4 to GD12. Time of natural birth was recorded.
Pregnant rats injected with 1 mg/kg A1221 on GD16 and GD18 = 0.67 mg/kg continuous dosing. Litter size NR; use defaul
Pregnant rats injected with 1 mg/kg A1221 on GD16 and GD18 = 0.67 mg/kg continuous dosing. Litter size NR; use defaul
Pregnant rats injected with 1 mg/kg A1221 on GD16 and GD18 = 0.67 mg/kg continuous dosing. Litter size NR; use defaul
Pregnant rats injected with 1 mg/kg A1221 on GD16 and GD18 = 0.67 mg/kg continuous dosing. Litter size NR; use defaul
Pregnant rats injected with 1 mg/kg A1221 on GD16 and GD18 = 0.67 mg/kg continuous dosing. Litter size NR; use defaul
Pregnant rats injected with 1 mg/kg A1221 on GD16 and GD18 = 0.67 mg/kg continuous dosing. Litter size NR; use defaul

22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 NONE
22	0.9	0.094	0.154	10	21 NONE
22	0.9	0.094	0.154	10	21 NONE
22	0.9	0.094	0.154	10	21 NONE
22	0.9	0.094	0.154	10	21 NONE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
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22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE

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Dickerson et al.	2011	759764
Dickerson et al.	2011	759764
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Dickerson et al.	2011	759764
Dickerson et al.	2011	759764
Dickerson et al.	2011	759764
Dickerson et al.	2011	759764
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Wang et al.	2011	759812
Wang et al.	2011	759812
Dickerson et al.	2011	759826
Dickerson et al.	2011	759826
Dickerson et al.	2011	759826
Dickerson et al.	2011	759826
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Branchi et al.	2002	787645
Branchi et al.	2002	787645
Branchi et al.	2002	787645
Branchi et al.	2002	787645
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Hallgren and Darnerud	2002	787674
Hallgren and Darnerud	2002	787674
Hallgren and Darnerud	2002	787674
Hallgren and Darnerud	2002	787674
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Pereira et al.	2007	789165
Pereira et al.	2007	789165
Pereira et al.	2007	789165
Pereira et al.	2007	789165
Pereira et al.	2007	789165
Pereira et al.	2007	789165
Pereira et al.	2007	789165
Pereira et al.	2007	789165
Pereira et al.	2007	789165
Pereira and Rao	2007	789216
Pereira and Rao	2007	789216
Pereira and Rao	2007	789216
Pereira and Rao	2007	789216
Pereira and Rao	2007	789216

vaginal opening, first estrus, first diestrus
preputial separation
ovarian histopathology
testes histopathology
uterus and ovary wet weight, gonadosomatic index
paired testes wet weight, gonadosomatic index
serum progesterone, testosterone, estradiol, luteinizing hormone
serum progesterone, testosterone, estradiol, luteinizing hormone
CYP1A1 expression
liver histopathology
ALT, AST, ALP
anogenital distance
total pups and live pups per litter
sex ratio
pup weight
serum estradiol, progesterone, testosterone
serum estradiol, progesterone, testosterone
prostate weight
serum testosterone and estradiol
hair growth, eye opening
proportion of successful deliveries, number of pups at birth
pup sex ratio
pup body weight
incisor eruption
open field test, ultrasonic vocalizations
modified Fox battery: righting reflex, forelimb stick grasp reflex, forelimb placing reflexes, vertical screen test, screen clir
pregnancy duration
FT4, TT4, TSH
thyroid histopathology
thyroid somatic index
EROD, MROD, PROD
liver somatic index
adrenal histopathology
adrenal histopathology
adrenal weight
adrenal weight
thyroid histopathology
thyroid histopathology
thyroid weight
thyroid weight
sluggishness and lethargic behavior
sluggishness and lethargic behavior
litter size, reproductive potential
pup weight
liver histology
liver weight
ALP, LDH, ACP

Pubertal Development (F)	Reproductive
Pubertal Development (M)	Reproductive
Reproductive Organ Histopathology (F)	Reproductive
Reproductive Organ Histopathology (M)	Reproductive
Reproductive Organ Size/Weight (F)	Reproductive
Reproductive Organ Size/Weight (M)	Reproductive
Sex Hormone Levels (F)	Reproductive
Sex Hormone Levels (M)	Reproductive
Liver Enzyme Induction	Hepatobiliary
Liver Histopathology	Hepatobiliary
Serum Biomarkers of Liver Health & Function	Hepatobiliary
Anogenital Distance	Reproductive
Offspring Mortality	Developmental
Sex Ratio	Reproductive
Weight and Size (Early Life)	Developmental
Sex Hormone Levels (F)	Reproductive
Sex Hormone Levels (M)	Reproductive
Reproductive Organ Size/Weight (M)	Reproductive
Sex Hormone Levels (M)	Reproductive
Developmental milestones	Developmental
Offspring mortality	Developmental
Sex ratio	Reproductive
Weight and size (early life)	Developmental
Dental effects	Musculoskeletal
Emotional state/affective behavior	Nervous System
Motor Function/Development	Nervous System
Gestation Duration/Preterm Birth	Reproductive
HPT Hormones	Endocrine
Thyroid Histopathology	Endocrine
Thyroid Size/Weight	Endocrine
Liver Enzyme Induction	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Adrenal Histopathology	Endocrine
Adrenal Histopathology	Endocrine
Adrenal Weight	Endocrine
Adrenal Weight	Endocrine
Thyroid Histopathology	Endocrine
Thyroid Histopathology	Endocrine
Thyroid Size/Weight	Endocrine
Thyroid Size/Weight	Endocrine
Neurological Symptoms	Nervous System
Neurological Symptoms	Nervous System
Offspring Mortality	Developmental
Weight and Size (Early Life)	Developmental
Liver Histopathology	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Serum Biomarkers of Liver Health & Function	Hepatobiliary

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Rat	Injection-ip	Secondary
Rat	Injection-ip	Secondary
Rat	Injection-ip	Secondary
Rat	Injection-ip	Secondary
Rat	Injection-ip	Secondary
Rat	Injection-ip	Secondary
Rat	Injection-ip	Secondary
Rat	Injection-ip	Secondary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Injection-ip	Secondary
Rat	Injection-ip	Secondary
Rat	Injection-ip	Secondary
Rat	Injection-ip	Secondary
Rat	Injection-ip	Secondary
Rat	Injection-ip	Secondary
Rat	Injection-ip	Primary
Rat	Injection-ip	Primary
Mouse	Oral-gavage	Secondary
Mouse	Oral-gavage	Secondary
Mouse	Oral-gavage	Secondary
Mouse	Oral-gavage	Secondary
Mouse	Oral-gavage	Secondary
Mouse	Oral-gavage	Secondary
Mouse	Oral-gavage	Secondary
Mouse	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Secondary
Rat	Oral-diet	Primary
Rat	Oral-diet	Secondary
Rat	Oral-diet	Primary
Rat	Oral-diet	Secondary
Rat	Oral-diet	Primary
Rat	Oral-diet	Secondary
Rat	Oral-diet	Primary
Rat	Oral-diet	Secondary
Rat	Oral-diet	Secondary
Rat	Oral-diet	Secondary
Rat	Oral-diet	Secondary
Rat	Oral-diet	Secondary
Rat	Oral-diet	Secondary

		no	10
		no	10
		no	10
49	12		
49	12		
49	12		
		no	12
90	30		
90	30		
		no	16
		no	16
		no	16
49	14		
49	14		
49	14		
52.5	150		
		no	10
52.5	150		
		no	10
52.5	150		
		no	10
		No	9
		No	9
		No	9
		No	9

16	18	N/A	N/A	21
16	18	N/A	N/A	21
16	18	N/A	N/A	21
16	18	N/A	N/A	1
6	34	N/A	N/A	16
6	39	N/A	N/A	21
6	24	N/A	N/A	6
-100	43	45.5	172	21
-100	43	45.5	172	21
-100	43	45.5	142	21
-100	43	N/A	N/A	21
-100	43	N/A	N/A	21
-100	43	N/A	N/A	21
-100	43	N/A	N/A	21

55	2	0	0.67	0.67
65	2	0	0.67	0.67
82	2	0	0.67	0.67
		0	10	10
		0	10	10
		0	10	10
23	2	0	0.67	0.67
		0	2	2
		0	2	2
34	2	0	6	6
52	2	0	6	6
24	2	0	6	6
		0	4	4
		0	4	4
		0	4	4
		0	2.85	2.85
142	5	0	2.85	2.85
		0	2.85	2.85
142	5	0	2.85	2.85
		0	2.85	2.85
142	5	0	2.85	2.85
43	2	0	2.85	2.85
43	2	0	2.85	2.85
43	2	0	2.85	2.85
43	2	0	2.85	2.85

N/A	0.67	N/A	
N/A	0.67	N/A	
			N/A
			N/A
			N/A
			N/A
			N/A
N/A	0.67	N/A	
N/A	10		
N/A	10		
N/A	10		
N/A	0.67	N/A	
			N/A
			N/A
			N/A
			N/A
			N/A
N/A	2		
N/A	2		
			N/A
			N/A
			N/A
N/A	6	N/A	
			N/A
N/A	6	N/A	
N/A	6	N/A	
			N/A
N/A	4		
N/A	4		
			N/A
N/A	4		
			N/A
N/A	2.85		
N/A	2.85	1.425	
			N/A
			N/A
N/A	2.85		
N/A	2.85	1.425	
			N/A
			N/A
N/A	2.85		
N/A	2.85	1.425	
			N/A
N/A	2.85	N/A	
N/A	2.85	N/A	
N/A	2.85	N/A	
N/A	2.85	N/A	

Pregnant rats injected with 1 mg/kg A1221 on GD16 and GD18 = 0.67 mg/kg continuous dosing. Litter size NR; use defaul
Pregnant rats injected with 1 mg/kg A1221 on GD16 and GD18 = 0.67 mg/kg continuous dosing. Litter size NR; use defaul
Pregnant rats injected with 1 mg/kg A1221 on GD16 and GD18 = 0.67 mg/kg continuous dosing. Litter size NR; use defaul
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Pregnant rats injected with 1 mg/kg A1221 on GD16 and GD18 = 0.67 mg/kg continuous dosing. Litter size NR; use defaul
Pregnant rats injected with 1 mg/kg A1221 on GD16 and GD18 = 0.67 mg/kg continuous dosing. Litter size NR; use defaul
Male rats 6-8 weeks of age exposed to 0 or 10 mg/kg A1254 for 12 days. Significant effect on CYP1A1(p122, Fig 2).
Male rats 6-8 weeks of age exposed to 0 or 10 mg/kg A1254 for 12 days. "visible increase in the severity of lymphocyte in
Male rats 6-8 weeks of age exposed to 0 or 10 mg/kg A1254 for 12 days. Significant treatment effect (p121, Table 1).
Pregnant rats treated with 1 mg/kg A1221 on GD16 and GD18 = 0.67 mg/kg continuous dosing. Litter size for treated grou
Pregnant rats treated with 1 mg/kg A1221 on GD16 and GD18 = 0.67 mg/kg continuous dosing. Litter size for treated grou
Pregnant rats treated with 1 mg/kg A1221 on GD16 and GD18 = 0.67 mg/kg continuous dosing. Litter size for treated grou
Pregnant rats treated with 1 mg/kg A1221 on GD16 and GD18 = 0.67 mg/kg continuous dosing. Litter size for treated grou
Pregnant rats treated with 1 mg/kg A1221 on GD16 and GD18 = 0.67 mg/kg continuous dosing. Litter size for treated grou
Pregnant rats treated with 1 mg/kg A1221 on GD16 and GD18 = 0.67 mg/kg continuous dosing. Litter size for treated grou
Wistar rats were exposed to 2 mg/kg-d AR 1254 via IP injection for 30 days. Animals were 90 d old at start (180-200 g). Pr
Wistar rats were exposed to 2 mg/kg-d AR 1254 via IP injection for 30 days. Animals were 90 d old at start (180-200 g). Pr
Mouse dams dosed with 6 mg/kg A1254 from GD6-PND21. Pups weaned at PND21. Litters culled at birth to 8 pups. No tr
Mouse dams dosed with 6 mg/kg A1254 from GD6-PND21. Pups weaned at PND21. Litters culled at birth to 8 pups. No tr
Mouse dams dosed with 6 mg/kg A1254 from GD6-PND21. Pups weaned at PND21. Litters culled at birth to 8 pups. No tr
Mouse dams exposed GD6-PND21; pup weight altered by PND16. Litter size of LOAEL dose group was ~16, as shown in Fi
Mouse dams dosed with 6 mg/kg A1254 from GD6-PND21. Pups weaned at PND21. Litters culled at birth to 8 pups. No tr
Mouse dams exposed GD6-PND21. Litter size of LOAEL dose group was ~16, as shown in Fig 1; litters culled to 8 pups at b
Mouse dams exposed GD6-PND21; righting reflex altered by PND6 (also observed effects on homing test at PND11, scree
6 mg/kg-d AR1254 was administered via gavage to CD-1 swiss female mice from GD6 to PND 21 (33 days). Since all mater
7-week old female rats treated with 4 mg/kg A1254 for 14 days. Significant treatment effect (p233-235, Fig 1).
7-week old female rats treated with 4 mg/kg A1254 for 14 days. Significant treatment effect (Table 4). "dominated by sm
7-week old female rats treated with 4 mg/kg A1254 for 14 days. No significant treatment effect (p233).
7-week old female rats treated with 4 mg/kg A1254 for 14 days. Significant treatment effect on EROD, MROD, PROD (p23
7-week old female rats treated with 4 mg/kg A1254 for 14 days. No significant treatment effect (p232-233, Table 2).
Male and female rats dosed with 2.85 mg/kg bw/d for 150 days. "vacuolations and degeneration in the zona fasciculata r
Male and female rats dosed with 2.85 mg/kg bw/d for 100 days then mated for 10 days, treatment continued through m
Male and female rats dosed with 2.85 mg/kg bw/d for 150 days. No effect on adrenal weight (p31).
Male and female rats dosed with 2.85 mg/kg bw/d for 100 days then mated for 10 days, treatment continued through m
Male and female rats dosed with 2.85 mg/kg bw/d for 150 days. "shrinkage of follicles, loss of thyroglobulin and fibrosis
Male and female rats dosed with 2.85 mg/kg bw/d for 100 days then mated for 10 days, treatment continued through m
Male and female rats dosed with 2.85 mg/kg bw/d for 150 days. No effect on thyroid weight (p31).
Male and female rats dosed with 2.85 mg/kg bw/d for 100 days then mated for 10 days, treatment continued through m
Male and female rats dosed with 2.85 mg/kg bw/d for 150 days. Sluggishness and lethary noted toward end of treatmen
Male and female rats dosed with 2.85 mg/kg bw/d for 100 days then mated for 10 days, treatment continued through m
Animals were between 6 and 7 wks old when dosing began (ave age 45.5 d) and were dosed 100 d before mating of exp
Animals were between 6 and 7 wks old when dosing began (ave age 45.5 d) and were dosed 100 d before mating of exp
Animals were between 6 and 7 wks old when dosing began (ave age 45.5 d) and were dosed 100 d before mating of exp
Animals were between 6 and 7 wks old when dosing began (ave age 45.5 d) and were dosed 100 d before mating of exp
Animals were between 6 and 7 wks old when dosing began (ave age 45.5 d) and were dosed 100 d before mating of exp

22	0.9	0.094	0.154	10	21 COMPLETE
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22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
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18	0.9	0.229	0.264	6	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
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22	0.9	0.094	0.154	10	21 COMPLETE

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Pereira and Rao	2007	789216
Pereira and Rao	2007	789216
Pereira and Rao	2007	789216
Chung et al.	1989	830215
Chung et al.	1989	830215
Chung et al.	1989	830215
Chung et al.	1989	830215
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Chung et al.	1989	830215
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Chung et al.	1989	830215
Chung et al.	1989	830215
Chung et al.	1989	830215
Chung et al.	1989	830215
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Bitman and Harris	1972	831152
Bitman and Harris	1972	831152
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Kiriyama et al.	1974	1001202
Kiriyama et al.	1974	1001202
Kiriyama et al.	1974	1001202
Kiriyama et al.	1974	1001202
Kiriyama et al.	1974	1001202
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Jonsson et al.	1975	1061281
Jonsson et al.	1975	1061281
Jonsson et al.	1975	1061281
Jonsson et al.	1975	1061281
Jonsson et al.	1975	1061281
Jonsson et al.	1975	1061281
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Heinonen et al.	1981	1253088
Heinonen et al.	1981	1253088
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Poon et al.	2011	1293944
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Poon et al.	2011	1293944
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Poon et al.	2011	1293944
Poon et al.	2011	1293944
Poon et al.	2011	1293944
Poon et al.	2011	1293944

motor activity (P0)
motor activity (F1)
litter size, reproductive potential
heart weight
liver and serum total and free cholesterol
electron microscopy of liver
fatty acids
liver weight
antibody response (serum, kidney, spleen, lung, testis)
spleen histopathology
spleen weight
lung weight
lung histopathology
ultrastructural alterations in polyribosomes in kidney tubule cells
kidney weight
liver lipid
liver weight
liver vitamin A
heart weight
adrenal weight
liver cholesterol levels
liver weight (relative)
spleen wt
kidney weight
pup body weight
animals bearing young, total pups per group, pups per litter
darkened livers
estrous cycle length
animals bearing young, total pups per group, pups per litter
ovarian histopathology
plasma progesterone
animals mated
hepatic enzyme induction (NADPH-cytochrome c reductase, 7-ethoxycoumarin O-deethylase, 7-ethoxyresorufin-O-deeth
liver histopathology
liver lipids
locomotor activity
striatal dopamine levels
eye opening
litter size, percent live births per litter
percent male births
pup weight
serum T4
liver weight (P0)
liver weight (F1)
thymus wt
brain weight
DPOAE amplitudes

Motor Function/Development	Nervous System
Motor Function/Development	Nervous System
Time-to-Pregnancy & Couple/Pair Fertility	Reproductive
Heart Size/Weight	Cardiovascular
Cholesterol	Hepatobiliary
Liver Histopathology	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Antibody Responses	Immune System
Immune Organ Histopathology	Immune System
Immune Organ Size/Weight	Immune System
Lung Weight	Respiratory
Pulmonary Histopathology	Respiratory
Kidney Histopathology	Urinary System
Kidney Weight	Urinary System
Liver Lipids/Steatosis	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Micronutrients	Hepatobiliary
Heart Size/Weight	Cardiovascular
Adrenal Weight	Endocrine
Cholesterol	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Immune Organ Size/Weight	Immune System
Kidney Weight	Urinary System
Weight and Size (Early Life)	Developmental
Offspring Mortality	Developmental
Liver Histopathology	Hepatobiliary
Estrous/Menstrual Cycle	Reproductive
Pregnancy/conception rate	Reproductive
Reproductive Organ Histopathology (F)	Reproductive
Sex Hormone Levels (F)	Reproductive
Sexual Behavior (F)	Reproductive
Liver Enzyme Induction	Hepatobiliary
Liver Histopathology	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Motor Function/Development	Nervous System
Neurotransmitter levels	Nervous System
Developmental Milestones	Developmental
Offspring Mortality	Developmental
Sex Ratio	Reproductive
Weight and Size (Early Life)	Developmental
HPT Hormones	Endocrine
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Immune Organ Size/Weight	Immune System
Brain Weight & Histopathology	Nervous System
Visual, Auditory, and Olfactory Function	Nervous System

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Aroclor 1254
Aroclor 1254
Fox River PCB mixture
Fox River PCB mixture
Fox River PCB mixture
Fox River PCB mixture
Fox River PCB mixture
Fox River PCB mixture
Fox River PCB mixture
Fox River PCB mixture
Fox River PCB mixture
Fox River PCB mixture

Rat	Oral-diet	Primary
Rat	Oral-diet	Secondary
Rat	Oral-diet	Primary
GoatRabbit	Injection-im	
GoatRabbit	Injection-im	
GoatRabbit	Injection-im	
GoatRabbit	Injection-im	
GoatRabbit	Injection-im	
GoatRabbit	Injection-im	
GoatRabbit	Injection-im	
GoatRabbit	Injection-im	
GoatRabbit	Injection-im	
GoatRabbit	Injection-im	
GoatRabbit	Injection-im	
GoatRabbit	Injection-im	
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Mouse	Injection-sc	Secondary
Rat	Oral-diet	Secondary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Injection-ip	Primary
Rat	Injection-ip	Primary
Rat	Injection-ip	Primary
Mouse	Oral-cookie	Primary
Mouse	Oral-cookie	Primary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Primary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Secondary

	45.5	150	
			No 9
NR		61	
NR		61	
NR		61	
NR (78.6 g males)		14	
		14	
NR (78.6-84.3 g males)		14	
NR (78.6-84.3 g males)		14	
NR (78.6 g males)		14	
NR (84.3 g males)		14	
			no 10
			NO 4
NR (250 g females)		252	
NR (250 g females)		252	
NR (250 g females)		252	
NR (250 g females)		252	
NR (250 g females)		252	
NR (317 g males)		1	
NR (317 g males)		1	
NR (317 g males)		1	
	63	28	
	63	28	
			no 10
			no 10
			no 10
			no 10
			no 10
			no 10

-100	43	N/A	N/A	21
18	34	N/A	N/A	16
-252	0	N/A	N/A	0
-28	22	N/A	N/A	0
-28	43	N/A	N/A	21
-28	43	N/A	N/A	21
-28	43	N/A	N/A	21
-28	43	N/A	N/A	21
-28	43	N/A	N/A	21

		0	2.85	2.85
43	2	0	2.85	2.85
		1	100	100
		1	100	100
		1	100	100
		1	2000	2000
		1	2000	2000
		1	2000	2000
		1	2000	2000
		1	2000	2000
		1	2000	2000
34	4	0	9.375	9.375
22	3	1	75	150
		1	75	150
		1	75	150
		1	75	150
		1	75	150
		1	75	150
		0	500	500
		0	500	500
		0	500	500
		0	6	25
		0	6	25
22	3	0	3	6
43	2	0	3	6
43	2	0	3	6
43	2	0	3	6
43	2	0	3	6
122	2	0	3	6

N/A		2.85		
N/A		2.85	N/A	
				N/A
N/A		100		
N/A		100		
N/A		100		
N/A		2000		
	2000	N/A		N/A
N/A		2000		
N/A		2000		
N/A		2000		
N/A		2000		
N/A		9.375	N/A	
	75	150	N/A	
N/A		75		
				N/A
	75	150		
	75	150		
N/A		75		
	75	150		
N/A		500		
N/A		500		
N/A		500		
N/A		6		
N/A		6		
				N/A
				N/A
				N/A
	3	6	N/A	
N/A		3	N/A	
				N/A
N/A		3	N/A	
N/A		3	N/A	
	3	6	N/A	
	3	6	N/A	

Animals were between 6 and 7 wks old when dosing began (ave age 45.5 d) and were dosed 100 d before mating of exp
Animals were between 6 and 7 wks old when dosing began (ave age 45.5 d) and were dosed 100 d before mating of exp
Animals were between 6 and 7 wks old when dosing began (ave age 45.5 d) and were dosed 100 d before mating of exp

Male and female rats given 0 or 100 ppm A1242 for 2 months. Significant effect on liver lipids in both sexes (p147, Table
Male and female rats given 0 or 100 ppm A1242 for 2 months. Significant effect on liver vitamin A levels (p147, Table 2).
Male and female rats given 0 or 100 ppm A1242 for 2 months. Significant effect on liver weight in females (p147, Table 2
days of treatment inferred from labeling on Table III; data given for exp 2 in Table 4

days of treatment inferred from labeling on Table III; data given in Tables 1 and 3
days of treatment inferred from labeling on Table III; data given in Tables 2 and 4
days of treatment inferred from labeling on Table III; data given for exp 2 in Table 4
days of treatment inferred from labeling on Table III; data given for exp 1 in Table 2
Dams dosed with 50mg/kg on PND1, PND7, PND14, and PND21 (once at parturition and repeated once per week for 3 we
Female rats weighing 250g were dosed for either 8 or 36 weeks with either 75 or 150ppm Aroclor 1242 in the diet. Fema
Female rats weighing 250g were dosed for either 8 or 36 weeks with either 75 or 150ppm Aroclor 1242 in the diet. Fema
Female rats weighing 250g were dosed for either 8 or 36 weeks with either 75 or 150ppm Aroclor 1242 in the diet. Fema
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Female rats weighing 250g were dosed for either 8 or 36 weeks with either 75 or 150ppm Aroclor 1242 in the diet. Fema
Female rats weighing 250g were dosed for either 8 or 36 weeks with either 75 or 150ppm Aroclor 1242 in the diet. Fema
Male rats given single injection of 500mg/kg PCBs. Significant change in NADPH-cytochrome c reductase, 7-ethoxycouma
Male rats given single injection of 500mg/kg PCBs. PCB treatment affected liver histopath and mean size of hepatocytes
Male rats given single injection of 500mg/kg PCBs. p302 - "In the semi-thin 0.5 pm Epon sections, lipid accumulation coul
Male mice (8 wk old at arrival) were acclimated for 1 wk prior to dosing for 4 wk. Alterations in vertical, horizontal and ar
Male mice (8 wk old at arrival) were acclimated for 1 wk prior to dosing for 4 wk. Increased striatal DA levels.
Rat dams dosed for 28 d before breeding and throughout gestation and lactation (until weaning PND 21). On PND 2, litte
Rat dams dosed for 28 d before breeding and throughout gestation and lactation (until weaning PND 21). On PND 2, litte
Rat dams dosed for 28 d before breeding and throughout gestation and lactation (until weaning PND 21). On PND 2, litte
Rat dams dosed for 28 d before breeding and throughout gestation and lactation (until weaning PND 21). On PND 2, litte
Rat dams dosed for 28 d before breeding and throughout gestation and lactation (until weaning PND 21). On PND 2, litte
Rat dams dosed for 28 d before breeding and throughout gestation and lactation (until weaning PND 21). On PND 2, litte
Rat dams dosed for 28 d before breeding and throughout gestation and lactation (until weaning PND 21). On PND 2, litte
Rat dams dosed for 28 d before breeding and throughout gestation and lactation (until weaning PND 21). On PND 2, litte
Rat dams dosed for 28 d before breeding and throughout gestation and lactation (until weaning PND 21). Brain weights v
Rat dams dosed for 28 d before breeding and throughout gestation and lactation (until weaning PND 21). DPOAE measur

22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
18	0.9	0.229	0.264	6	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	NONE
22	0.9	0.094	0.154	10	21	NONE
22	0.9	0.094	0.154	10	21	NONE
18	0.9	0.229	0.264	6	21	COMPLETE
18	0.9	0.229	0.264	6	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE

Geniece
Geniece
Geniece
Chelsea
Chelsea
Chelsea
Geniece
Geniece
Geniece
Geniece
Geniece
Geniece
Chelsea
Katie
Katie
Katie
Katie
Katie
Katie
Katie
Geniece
Geniece
Chelsea
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Chelsea
Chelsea

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Cai et al.	2011	1294114
Cai et al.	2011	1294114
Cai et al.	2011	1294114
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Martin and Klaassen	2010	1294814
Martin and Klaassen	2010	1294814
Martin and Klaassen	2010	1294814
Martin and Klaassen	2010	1294814
Martin and Klaassen	2010	1294814
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Lilienthal et al.	2006	1298501
Lilienthal et al.	2006	1298501
Lilienthal et al.	2006	1298501
Lilienthal et al.	2006	1298501
Lilienthal et al.	2006	1298501
Lilienthal et al.	2006	1298501
Lilienthal et al.	2006	1298501
Lilienthal et al.	2006	1298501
Lilienthal et al.	2006	1298501
Lilienthal et al.	2006	1298501
Lilienthal et al.	2006	1298501
Lilienthal et al.	2006	1298501
Lilienthal et al.	2006	1298501
Lilienthal et al.	2006	1298501
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Shiota	1976	1300832
Shiota	1976	1300832
Shiota	1976	1300832
Shiota	1976	1300832
Shiota	1976	1300832
Shiota	1976	1300833
Shiota	1976	1300833
Shiota	1976	1300833
Shiota	1976	1300833
Shiota	1976	1300833
Shiota	1976	1300833
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litter size, nonpregnant females, small litters, implantation sites
testis histopathology
testis weight
serum estradiol, testosterone
epididymal sperm counts, sperm mortality, sperm abnormality
tT4, fT4, tT3, fT3, TSH
tT4, fT4, tT3, fT3, TSH
P450 activity
P450 activity
liver weight
liver weight
anogenital distance
number of litters, pups per litter
percent male
pup body weight
pituitary weight (P0)
pituitary weight (F1)
thyroid weight (F1)
liver weight (P0)
thymus weight (F1)
brain weight (F0)
brain weight (F1)
sweet preference
ovarian follicle number
puberty onset, female
puberty onset, male
ovary weight, uterus weight
testes weight, ventral prostate weight
serum estradiol, testosterone (F0)
serum estradiol, testosterone (F1)
serum estradiol, testosterone (F1)
serum lipid
liver weight, liver weight per 100g body weight
liver vitamin A
birth defects
litter size, resorptions, number of dead fetuses
pup weight
water T-maze test
water T-maze test
open field test
birth defects
birth defects
litter size, offspring mortality
litter size, offspring mortality
body weight, body weight through life
body weight, body weight through life
liver protein microsomal fraction

Pregnancy/conception rate	Reproductive
Reproductive Organ Histopathology (M)	Reproductive
Reproductive Organ Size/Weight (M)	Reproductive
Sex Hormone Levels (M)	Reproductive
Sperm/semen parameters	Reproductive
HPT Hormones	Endocrine
HPT Hormones	Endocrine
Liver Enzyme Induction	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Anogenital Distance	Reproductive
Offspring Mortality	Developmental
Sex Ratio	Reproductive
Weight and Size (Early Life)	Developmental
Pituitary Weight	Endocrine
Pituitary Weight	Endocrine
Thyroid Size/Weight	Endocrine
Liver Weight/Hepatomegaly	Hepatobiliary
Immune Organ Size/Weight	Immune System
Brain Weight & Histopathology	Nervous System
Brain Weight & Histopathology	Nervous System
Emotional state/affective behavior	Nervous System
Ovulation	Reproductive
Pubertal Development (F)	Reproductive
Pubertal Development (M)	Reproductive
Reproductive Organ Size/Weight (F)	Reproductive
Reproductive Organ Size/Weight (M)	Reproductive
Sex Hormone Levels (F)	Reproductive
Sex Hormone Levels (F)	Reproductive
Sex Hormone Levels (M)	Reproductive
Blood Triglycerides	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Micronutrients	Hepatobiliary
Birth defects	Developmental
Offspring mortality	Developmental
Weight and size (early life)	Developmental
Cognitive function	Nervous System
Cognitive function	Nervous System
Emotional state/affective behavior	Nervous System
Birth Defects	Developmental
Birth Defects	Developmental
Offspring Mortality	Developmental
Offspring Mortality	Developmental
Weight and Size (Early Life)	Developmental
Weight and Size (Early Life)	Developmental
Liver Enzyme Induction	Hepatobiliary

Fox River PCB mixture
Aroclor 1254
Aroclor 1254
Aroclor 1254
Aroclor 1254
Aroclor 1242
Aroclor 1254
Aroclor 1242
Aroclor 1254
Aroclor 1242
Aroclor 1254
Aroclor 1254
Aroclor 1254
Aroclor 1254
Aroclor 1254
Aroclor 1254
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Aroclor 1254
Aroclor 1254
Aroclor 1254
Aroclor 1254
Aroclor 1254
Aroclor 1254
PCBs
PCBs
PCBs
Kanechlor 500
Kanechlor 500
Kanechlor 500
Kanechlor 500
Kanechlor 500
Kanechlor 500
Kanechlor 300
Kanechlor 500
Kanechlor 500
Kanechlor 300
Kanechlor 500
Kanechlor 300
Phenochlor DP6

Rat	Oral-cookie	Primary
Mouse	Oral-gavage	Primary
Mouse	Oral-gavage	Primary
Mouse	Oral-gavage	Primary
Mouse	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Injection-sc	Secondary
Rat	Injection-sc	Secondary
Rat	Injection-sc	Secondary
Rat	Injection-sc	Secondary
Rat	Injection-sc	Primary
Rat	Injection-sc	Secondary
Rat	Injection-sc	Secondary
Rat	Injection-sc	Primary
Rat	Injection-sc	Secondary
Rat	Injection-sc	Primary
Rat	Injection-sc	Secondary
Rat	Injection-sc	Secondary
Rat	Injection-sc	Secondary
Rat	Injection-sc	Secondary
Rat	Injection-sc	Secondary
Rat	Injection-sc	Secondary
Rat	Injection-sc	Secondary
Rat	Injection-sc	Primary
Rat	Injection-sc	Secondary
Rat	Injection-sc	Secondary
Rat	Oral-diet	
Rat	Oral-diet	
Rat	Oral-diet	
Rat	Oral-gavage	Secondary
Rat	Oral-gavage	Secondary
Rat	Oral-gavage	Secondary
Rat	Oral-gavage	Secondary
Rat	Oral-gavage	Secondary
Rat	Oral-gavage	Secondary
Rat	Oral-diet	Secondary
Rat	Oral-diet	Secondary
Rat	Oral-diet	Secondary
Rat	Oral-diet	Secondary
Rat	Oral-diet	Secondary
Rat	Oral-diet	Secondary
Rat	Oral-diet	Primary

	21	50	
	21	50	
	21	50	
	21	50	
NR (225-250 g males)		7	
NR (225-250 g males)		7	
NR (225-250 g males)		7	
NR (225-250 g males)		7	
NR (225-250 g males)		7	
NR (225-250 g males)		7	
			no 11
			no 11
			no 11
			no 11
			no 11
			no 11
			no 11
	56	9	
			no 11
			no 10.3
			no 9.5
			no 11.5
			no 9.5
			no 10
			no 10
NR (150 g)		28	

10	18 N/A	N/A	21
10	18 N/A	N/A	7
10	18 N/A	N/A	21
10	18 N/A	N/A	21
10	18 N/A	N/A	21
10	18 N/A	N/A	21
10	18 N/A	N/A	21
10	18 N/A	N/A	21
15	21 N/A	N/A	7
8	14 N/A	N/A	0
8	14 N/A	N/A	21
15	21 N/A	N/A	21
0	21 N/A	N/A	0
0	21 N/A	N/A	0

		0	0.0017	0.17
		0	0.0017	0.17
		0	0.0017	0.17
		0	0.0017	0.17
		0	4	32
		0	4	32
		0	4	32
		0	4	32
		0	4	32
		0	4	32
43	2	0	30	30
29	2	0	30	30
43	2	0	30	30
43	2	0	30	30
242	2	0	30	30
56	2	0	30	30
67	2	0	30	30
		0	30	30
43	2	0	30	30
29	2	0	20	100
21	3	0	20	100
113	2	0	20	100
113	2	0	20	20
21	3	0	1.18	29.8
21	3	0	1.1	26.7
		0	1.61	25

			N/A
	0.017	0.17	
	0.017	0.17	
	0.017	0.17	
	0.017	0.17	
	8	16	
N/A		4	
	4	8	
N/A		4	
	8	16	
N/A		4	
N/A		30	N/A
			N/A
			N/A
N/A		30	N/A
			N/A
			N/A
N/A		30	N/A
			N/A
N/A		30	N/A
			N/A
			N/A
			N/A
N/A		30	N/A
N/A		30	N/A
N/A		30	N/A
			N/A
			N/A
N/A		30	
			N/A
N/A		30	N/A
			N/A
	20	100	N/A
	20	100	N/A
N/A		20	N/A
N/A		20	N/A
			N/A
			N/A
			N/A
			N/A
			N/A
N/A		1.18	N/A
	5.9	26.7	N/A
N/A		1.61	

Rat dams dosed for 28 d before breeding and throughout gestation and lactation (until weaning PND 21). DPOAE measur
Male weanlings were dosed with 0, 5, 50, or 500 ug/kg-day every 3 days for 50 days. LOAEL is based on degenerative alte
Male weanlings were dosed with 0, 5, 50, or 500 ug/kg-day every 3 days for 50 days. LOAEL is based on decreased relativ
Male weanlings were dosed with 0, 5, 50, or 500 ug/kg-day every 3 days for 50 days. LOAEL is based on decreased estrad
Male weanlings were dosed with 0, 5, 50, or 500 ug/kg-day every 3 days for 50 days. LOAEL is based on effects on sperm
Male rats dosed for 7 d; LOAEL is for effect on tT4 and fT4 with Aroclor 1242 exposure (Fig 6 & 7)
Male rats dosed for 7 d; LOAEL is for effect on tT4 and fT4 with Aroclor 1254 exposure (Fig 6 & 7)
Male rats dosed for 7 d; LOAEL is for effect on cyp1a activity with Aroclor 1242 exposure (Fig 4)
Male rats dosed for 7 d; LOAEL is for effect on cyp1a activity with Aroclor 1254 exposure (Fig 4)
Male rats dosed for 7 d; effect on liver weight with Aroclor 1242 and 1254 exposure (Fig 3)
Male rats dosed for 7 d; effect on liver weight with Aroclor 1242 and 1254 exposure (Fig 3)
Pregnant rat dams injected with 30 mg/kg from GD 10-18. Study reports litter sizes between 5-10 pups were used. Anoge
Pregnant rat dams injected with 30 mg/kg from GD 10-18. Study reports litter sizes between 5-10 pups were used. Litter
Pregnant rat dams injected with 30 mg/kg from GD 10-18. Study reports litter sizes between 5-10 pups were used. Litter
Pregnant rat dams injected with 30 mg/kg from GD 10-18. Litter size in Table 1. Pup weight significantly different at PND
Pregnant rat dams injected with 30 mg/kg from GD 10-18. No effect on dam pituitary weight (Table 2).
Pregnant rat dams injected with 30 mg/kg from GD 10-18. Study reports litter sizes between 5-10 pups were used. Litter
Pregnant rat dams injected with 30 mg/kg from GD 10-18. Signficant reduction in thyroid weight in both male and female
Pregnant rat dams injected with 30 mg/kg from GD 10-18. No effect on liver weight (Table 2).
Pregnant rat dams injected with 30 mg/kg from GD 10-18. Significant decrease in thymus weight in male offspring at PND
Pregnant rat dams injected with 30 mg/kg from GD 10-18. No effect on dam brain weight (Table 2).
Pregnant rat dams injected with 30 mg/kg from GD 10-18. No effect on offspring brain weight (Table 2).
Pregnant rat dams injected with 30 mg/kg from GD 10-18. No alterations in sweet preference (Figure 3).
Pregnant rat dams injected with 30 mg/kg from GD 10-18. Study reports litter sizes between 5-10 pups were used. LOAEL
Pregnant rat dams injected with 30 mg/kg from GD 10-18. Study reports litter sizes between 5-10 pups were used. LOAEL
Pregnant rat dams injected with 30 mg/kg from GD 10-18. Study reports litter sizes between 5-10 pups were used. LOAEL
Pregnant rat dams injected with 30 mg/kg from GD 10-18. Litter size in Table 1. No significant effects on ovary or uterus
Pregnant rat dams injected with 30 mg/kg from GD 10-18. Litter size in Table 1. No significant effects on testes or prostat
Pregnant rat dams injected with 30 mg/kg from GD 10-18. LOAEL based on decreased estradiol in F0 dams on GD 19 (Figu
Pregnant rat dams injected with 30 mg/kg from GD 10-18. Study reports litter sizes between 5-10 pups were used. There
Pregnant rat dams injected with 30 mg/kg from GD 10-18. Study reports litter sizes between 5-10 pups were used. LOAEL

Dosing from GD15-21 (rats); pups died by PND7Litter size of LOAEL dose group reported in Table 1; litters culled to 8 pups
Dosing from GD8-14 (rats); fetal weight evaluated on GD21Litter size of LOAEL dose group reported in Table 1
Dosing from GD8-14 (rats); multi-T water maze performance evaluated at 13 weeks of ageLitter size of LOAEL dose group
Dosing from GD15-21 (rats); multi-T water maze performance evaluated at 13 weeks of ageLitter size of LOAEL dose grou

Female rats mated from age 12 to 18 weeks. Dosed with 20, 100, or 500 ppm PCBs from GD0 to GD21. No significant birtl
Female rats mated from age 12 to 18 weeks. Dosed with 20, 100, or 500 ppm PCBs from GD0 to GD21. No significant birtl
Female rats mated from age 12 to 18 weeks. Dosed with 20, 100, or 500 ppm PCBs from GD0 to GD21. Text/results do no
Female rats mated from age 12 to 18 weeks. Dosed with 20, 100, or 500 ppm PCBs from GD0 to GD21. Text/results do no
Female rats mated from age 12 to 18 weeks (entered average age 15 wk = 105 d). Dosed with 20, 100, or 500 ppm PCBs f
Female rats mated from age 12 to 18 weeks (entered average age 15 wk = 105 d). Dosed with 20, 100, or 500 ppm PCBs f
Male rats dosed in diet with 0, 10, 100, or 500 ppm DP6 for 28 days. Ingested dose (mg/kg bw) given in table 1, divided b

22	0.9	0.094	0.154	10	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
22	0.9	0.094	0.154	10

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Saito et al.	1983	1302979
Saito et al.	1983	1302979
Saito et al.	1983	1302979
Yang et al.	2003	1303281
Yang et al.	2003	1303281
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Gyorkos et al.	1985	1303477
Gyorkos et al.	1985	1303477
Gyorkos et al.	1985	1303477
Gyorkos et al.	1985	1303477
Gyorkos et al.	1985	1303477
Seegal et al.	1985	1303483
Seegal et al.	1985	1303483
Seegal et al.	1985	1303483
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Meserve et al.	1992	1306137
Meserve et al.	1992	1306137
Meserve et al.	1992	1306137
Meserve et al.	1992	1306137
Meserve et al.	1992	1306137
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Madra et al.	1995	1307271
Madra et al.	1995	1307271
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Liu et al.	1995	1307318
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Pereira and Rao	2006	1313222
Pereira and Rao	2006	1313222
Pereira and Rao	2006	1313222
Pereira and Rao	2006	1313222
Pereira and Rao	2006	1313222
Pereira and Rao	2006	1313222
Pereira and Rao	2006	1313222
Elnar et al.	2012	1323584

liver microsomal enzymes
liver weight
hepatic vitamin A, hepatic vitamin E
litter size, % pup mortality
body weight gain of offspring
T4, T3 (P0)
T4, T3 (F1)
thyroid histopathology
liver microsomal protein, DMAP N-demethylase, benzo[a]pyrene hydroxylase, aldrin epoxidase, cytochrome P-450, EROD
liver histopathology
relative liver weight
histopathology: thymus, spleen
histopathology: trachea, lungs, bronchial node
food consumption
Urinary homovanillic acid concentrations
urine output
litter size
pup body weight
adrenal weight
corticosterone
TH measurements (T4, T3)
thyroid weight
relative liver weight (pups)
induction of hepatic enzyme activity: ethoxyresorufin O-dealkylase, benzyloxyresorufin O-dealkylase, epoxide hydrolase,
liver weight
methoxy-, ethoxy-, pentoxy-, or benzyloxyresorufin O-dealkylase activities
liver histopathology
liver weight
labelling index, liver histopathology
liver lipids
liver/body weight ratio
porphyria
total T4, free T4, total T3, free T3, TSH
thyroid histopathology
thyroid weight
liver weight
serum triglycerides, phospholipids
cholesterol
serum triglyceride
liver and serum cholesterol
liver histopathology
liver triglyceride levels, fatty deposits in liver
liver weight
succinate dehydrogenase (SDH), lactate dehydrogenase (LDH), acid and alkaline phosphatase (ACP and ALP), aspartate ar
serum glucose levels
sluggish and lethargic
pup mortality

Liver Enzyme Induction	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Micronutrients	Hepatobiliary
Offspring Mortality	Developmental
Weight and Size (Early Life)	Developmental
HPT Hormones	Endocrine
HPT Hormones	Endocrine
Thyroid Histopathology	Endocrine
Liver Enzyme Induction	Hepatobiliary
Liver Histopathology	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Immune Organ Histopathology	Immune System
Pulmonary Histopathology	Respiratory
Digestive System Complaints/Diseases	Gastrointestinal
Neurotransmitter Levels	Nervous System
Urine Output	Urinary System
Offspring Mortality	Developmental
Weight and Size (Early Life)	Developmental
Adrenal Weight	Endocrine
HPA Hormones	Endocrine
HPT Hormones	Endocrine
Thyroid Size/Weight	Endocrine
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Liver Histopathology	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Histopathology	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Porphyrins	Hepatobiliary
HPT Hormones	Endocrine
Thyroid Histopathology	Endocrine
Thyroid Size/Weight	Endocrine
Liver Weight/Hepatomegaly	Hepatobiliary
Blood Triglycerides	Hepatobiliary
Cholesterol	Hepatobiliary
Blood Triglycerides	Hepatobiliary
Cholesterol	Hepatobiliary
Liver Histopathology	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Serum Biomarkers of Liver Health & Function	Hepatobiliary
Blood/Urinary Glucose	Metabolic
Neurological Symptoms	Nervous System
Offspring Mortality	Developmental

PCBs
PCBs
PCBs
Aroclor 1254
Aroclor 1254
Aroclor 1254
Aroclor 1254
Breast milk mixture: PCBs 28, 52, 66, 101, 105, 118, 128, 138, 146, 156, 170, 180, 183, 187
Breast milk mixture: PCBs 28, 52, 66, 101, 105, 118, 128, 138, 146, 156, 170, 180, 183, 187
Breast milk mixture: PCBs 28, 52, 66, 101, 105, 118, 128, 138, 146, 156, 170, 180, 183, 187
Breast milk mixture: PCBs 28, 52, 66, 101, 105, 118, 128, 138, 146, 156, 170, 180, 183, 187
Breast milk mixture: PCBs 28, 52, 66, 101, 105, 118, 128, 138, 146, 156, 170, 180, 183, 187
Breast milk mixture: PCBs 28, 52, 66, 101, 105, 118, 128, 138, 146, 156, 170, 180, 183, 187
Mixture: Aroclors 1254, 1260
Mixture: Aroclors 1254, 1260
Mixture: Aroclors 1254, 1260
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Clophen A50
Clophen A50
Clophen A60
Clophen A60
Clophen A60
Clophen A60
Clophen A60
Clophen A60
Clophen A60
Clophen A60
Mixture: PCBs 28, 52, 101, 138, 153, 180

Rat	Oral-diet	
Rat	Oral-diet	
Rat	Oral-diet	
Rat	Oral-gavage	Secondary
Rat	Oral-gavage	Secondary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Secondary
Rat	Injection-ip	Primary
Rat	Injection-ip	Primary
Rat	Injection-ip	Primary
Rat	Injection-ip	Primary
Rat	Injection-ip	Primary
Rat	Injection-ip	Primary
Rat	Oral-gavage	
Rat	Oral-gavage	
Rat	Oral-gavage	
Rat	Oral-diet	Secondary
Rat	Oral-diet	Secondary
Rat	Oral-diet	Secondary
Rat	Oral-diet	Secondary
Rat	Oral-diet	Secondary
Rat	Oral-diet	Secondary
Rat	Oral-diet	Secondary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Mouse	Oral-diet	Primary
Mouse	Oral-diet	Primary
Mouse	Oral-diet	Primary
Mouse	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Mouse	Oral-gavage	Secondary

6	23	N/A	N/A	0
6	20	N/A	N/A	4
0	37	N/A	N/A	15
0	37	N/A	N/A	15
0	37	N/A	N/A	15
0	37	N/A	N/A	15
0	37	N/A	N/A	15

17	3	0	1	6
		0	1	6
26	2	0	1	6
		0	0.3	30
		0	0.3	30
		0	0.3	30
		0	0.3	30
37	2	1	250	250
37	2	1	250	250
37	2	1	250	250
37	2	1	250	250
37	2	1	250	250
		1	0.33	33
		1	0.33	33
		1	0.33	33
		1	0.33	33
		1	100	100
		1	100	100
		1	100	100
		1	100	100
		0	0.74	21.5
		0	0.74	21.5
		0	0.74	21.5
		0	0.74	21.5
		1	15	350
		1	15	350
		0	2.85	2.85
		0	2.85	2.85
		0	2.85	2.85
		0	2.85	2.85
		0	2.85	2.85
		0	2.85	2.85
		0	2.85	2.85
		0	2.85	2.85

				N/A
	1	6	N/A	
	1	6		
N/A		1	N/A	
	3	30		
	0.6	3		
	3	30		
	3	30		
				N/A
				N/A
				N/A
N/A		250	N/A	
N/A		250	N/A	
N/A		250	N/A	
N/A		250	N/A	
				N/A
N/A		250	N/A	
N/A		1		
				N/A
N/A		0.33		
	1	3.3		
N/A		0.33		
N/A		100		
N/A		100		
N/A		100		
N/A		100		
	0.74	2.25		
	7.13	21.5		
N/A		0.74		
N/A		0.74		
N/A		15		
	15	60		
N/A		2.85		
N/A		2.85		
N/A		2.85		
N/A		2.85		
N/A		2.85		
N/A		2.85		
N/A		2.85		
N/A		2.85		
				N/A

Pregnant female rats were dosed with 1 or 6 mg/kg/d of Aroclor 1254 from GD6-PND21. Litters with fewer than 10 pups
Pregnant female rats were dosed with 1 or 6 mg/kg/d of Aroclor 1254 from GD6-PND21. Litters with fewer than 10 pups
Pregnant female rats were dosed with 1 or 6 mg/kg/d of Aroclor 1254 from GD6-PND21. Litters with fewer than 10 pups
Pregnant female rats were dosed with 1 or 6 mg/kg/d of Aroclor 1254 from GD6-PND21. Litters with fewer than 10 pups
1 month old male rats were intraperitonealy injected with 0.9, 1.8, 9, or 90 mg/kg/d of a PCB mixture. Doses were given
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1 month old male rats were intraperitonealy injected with 0.9, 1.8, 9, or 90 mg/kg/d of a PCB mixture. Doses were given
1 month old male rats were intraperitonealy injected with 0.9, 1.8, 9, or 90 mg/kg/d of a PCB mixture. Doses were given

Female rats were dosed with 250ppm of Aroclor in the diet from conception through gestation until offspring were PND1
Female rats were dosed with 250ppm of Aroclor in the diet from conception through gestation until offspring were PND1
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Female rats were dosed with 250ppm of Aroclor in the diet from conception through gestation until offspring were PND1
Female rats were dosed with 250ppm of Aroclor in the diet from conception through gestation until offspring were PND1
9 week old male rats were dosed with 0.33, 1, 3.3, 10, or 33ppm of Aroclor 1254 via the diet for 7 days. In the methods a
9 week old male rats were dosed with 0.33, 1, 3.3, 10, or 33ppm of Aroclor 1254 via the diet for 7 days. In the methods a
3-4 week old male and female rats were quarantined for 6 weeks (3.5wk + 6wk = 9.5wk = 66.5d) before starting on a diet
3-4 week old male and female rats were quarantined for 6 weeks (3.5wk + 6wk = 9.5wk = 66.5d) before starting on a diet
3-4 week old male and female rats were quarantined for 6 weeks (3.5wk + 6wk = 9.5wk = 66.5d) before starting on a diet
10 week old mice were give a diet containing 100ppm Aroclor 1254 for either 2 weeks, 2 months, or 6 months (6m * 365
10 week old mice were give a diet containing 100ppm Aroclor 1254 for either 2 weeks, 2 months, or 6 months (6m * 365
10 week old mice were give a diet containing 100ppm Aroclor 1254 for either 2 weeks, 2 months, or 6 months (6m * 365
10 week old mice were give a diet containing 100ppm Aroclor 1254 for either 2 weeks, 2 months, or 6 months (6m * 365
Male rats weighing 225-250g were given a diet containing 10, 30, 100, or 300 ppm Aroclor 1254 for 15d. Authors provide
Male rats weighing 225-250g were given a diet containing 10, 30, 100, or 300 ppm Aroclor 1254 for 15d. Authors provide
Male rats weighing 225-250g were given a diet containing 10, 30, 100, or 300 ppm Aroclor 1254 for 15d. Authors provide
Male rats weighing 225-250g were given a diet containing 10, 30, 100, or 300 ppm Aroclor 1254 for 15d. Authors provide
Animals were 30-35 days old and kept on std rodent chow for "at least 14 days" before used for experiments. 32.5d + 14
Animals were 30-35 days old and kept on std rodent chow for "at least 14 days" before used for experiments. 32.5d + 14
6-7 week old female rats were acclimated for 1 week (6.5wk + 1wk = 52.5d) before starting on a diet containing 50mg/kg
6-7 week old female rats were acclimated for 1 week (6.5wk + 1wk = 52.5d) before starting on a diet containing 50mg/kg
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6-7 week old female rats were acclimated for 1 week (6.5wk + 1wk = 52.5d) before starting on a diet containing 50mg/kg
Dams exposed via gavage PND0-21 to 1, 10, or 100 ng/kg mix of PCBs. Litters culled to 10 on PND0. No treatment effect

22	0.9	0.094	0.154	10	21 NONE
22	0.9	0.094	0.154	10	21 NONE
22	0.9	0.094	0.154	10	21 NONE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 NONE
22	0.9	0.094	0.154	10	21 NONE
22	0.9	0.094	0.154	10	21 NONE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
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22	0.9	0.094	0.154	10	21 COMPLETE
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22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE

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Elnar et al.	2012	1323584
Elnar et al.	2012	1323584
Elnar et al.	2012	1323584
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Curran et al.	2011	1402199
Curran et al.	2011	1402199
Curran et al.	2011	1402199
Curran et al.	2011	1402199
Curran et al.	2011	1402199
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Tian et al.	2011	1402374
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Curran et al.	2011	1402788
Curran et al.	2011	1402788
Curran et al.	2011	1402788
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Curran et al.	2011	1402788
Curran et al.	2011	1402788
Curran et al.	2011	1402788
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Lu et al.	2010	1403045
Lu et al.	2010	1403045
Lu et al.	2010	1403045
Lu et al.	2010	1403045
Lu et al.	2010	1403045
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Ateşşahin et al.	2010	1403617
Ateşşahin et al.	2010	1403617
Ateşşahin et al.	2010	1403617
Kato et al.	2010	1403766

pup body weight
Morris water maze
elevated plus maze, light dark box, open field
forelimb grip strength, water escape pole climbing, negative geotaxis
maternal behavior
activities of hepatic enzymes (cytochrome P-450; cytochrome b5; aminopyrine N-demethylase; aniline hydroxylase; acid
liver lipid content
liver weight
cortical bone mineral density, polar moment of inertia, polar strength strain index, femoral biomechanical parameters
bone length, total area of diaphysis, periosteal circumference, endosteal circumference, cortical area, cortical thickness
cerebellar histopathology
pup body weight
corticosterone
open field activity
long-term potentiation, brain histopathology
novel object recognition, Morris water maze
elevated zero maze, acoustic startle response w/prepulse inhibition (PPI)
neurotransmitters
pup weight
novel object test, Y-maze test
open field test, elevated plus maze test, tail suspension test
cleft palate
litter size, neonatal lethality
distribution of gender
birth weight, body weights from PND1-28
plasma T4
liver histology (F1)
liver weight (P0)
liver weight (F1)
splenic and thymic atrophy (P0)
splenic and thymic atrophy (F1)
brain histology (F1)
dystocia cases (% pregnancies)
abnormal gestation length (% pregnancies)
hydronephrosis
blood triglycerides
cholesterol
liver histopathology
liver weight
serum biochemistry (ALT, AST, ALP, TBIL)
urinary glucose
urinalysis (citrate, TMAO, 2-oxoglutarate, creatine, creatinine, lactate, succinate, taurine, DMA, hippurate, 2-hydroxy-isov
testes histopathology
testis, epididymis, seminal vesicle and ventral prostate weight
testosterone levels
sperm abnormalities, epididymal sperm concentration, sperm motility
tT4, fT4, tT3, TSH

Weight and size (early life)	Developmental
Cognitive function	Nervous System
Emotional state/affective behavior	Nervous System
Motor Function/Development	Nervous System
Social behavior/development	Nervous System
Liver Enzyme Induction	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Bone Density/Strength & Osteoporosis	Musculoskeletal
Bone Development/Bone Age	Musculoskeletal
Brain Weight & Histopathology	Nervous System
Weight and size (early life)	Developmental
HPA hormones	Endocrine
Motor Function/Development	Nervous System
Brain Weight & Histopathology	Nervous System
Cognitive function	Nervous System
Emotional state/affective behavior	Nervous System
Neurotransmitter levels	Nervous System
Weight and size (early life)	Developmental
Cognitive function	Nervous System
Emotional state/affective behavior	Nervous System
Birth Defects	Developmental
Offspring Mortality	Developmental
Sex Ratio	Reproductive
Weight and Size (Early Life)	Developmental
HPT Hormones	Endocrine
Liver Histopathology	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Immune Organ Size/Weight	Immune System
Immune Organ Size/Weight	Immune System
Brain Histopathology	Nervous System
Dystocia	Reproductive
Gestation Duration/Preterm Birth	Reproductive
Kidney Histopathology	Urinary System
Blood Triglycerides	Hepatobiliary
Cholesterol	Hepatobiliary
Liver Histopathology	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Serum Biomarkers of Liver Health & Function	Hepatobiliary
Blood/Urinary Glucose	Metabolic
Urinalysis	Urinary System
Reproductive Organ Histopathology (M)	Reproductive
Reproductive Organ Size/Weight (M)	Reproductive
Sex Hormone Levels (M)	Reproductive
Sperm/semen parameters	Reproductive
HPT Hormones	Endocrine

Mixture: PCBs 28, 52, 101, 138, 153, 180
Mixture: PCBs 28, 52, 101, 138, 153, 180
Mixture: PCBs 28, 52, 101, 138, 153, 180
Mixture: PCBs 28, 52, 101, 138, 153, 180
Mixture: PCBs 28, 52, 101, 138, 153, 180
Kanechlor 500
Kanechlor 500
Kanechlor 500
Aroclor 1254
Aroclor 1254
Aroclor 1254
Mixture: PCBs 77, 105, 118, 126, 138, 153, 169, 180
Mixture: PCBs 77, 105, 118, 126, 138, 153, 169, 180
Mixture: PCBs 77, 105, 118, 126, 138, 153, 169, 180
Mixture: PCBs 77, 105, 118, 126, 138, 153, 169, 180
Mixture: PCBs 77, 105, 118, 126, 138, 153, 169, 180
Mixture: PCBs 77, 105, 118, 126, 138, 153, 169, 180
Mixture: PCBs 77, 105, 118, 126, 138, 153, 169, 180
Aroclor 1254
Aroclor 1254
Aroclor 1254
Mixture: PCBs 77, 105, 118, 126, 138, 153, 169, 180
Mixture: PCBs 77, 105, 118, 126, 138, 153, 169, 180
Mixture: PCBs 77, 105, 118, 126, 138, 153, 169, 180
Mixture: PCBs 77, 105, 118, 126, 138, 153, 169, 180
Mixture: PCBs 77, 105, 118, 126, 138, 153, 169, 180
Mixture: PCBs 77, 105, 118, 126, 138, 153, 169, 180
Mixture: PCBs 77, 105, 118, 126, 138, 153, 169, 180
Mixture: PCBs 77, 105, 118, 126, 138, 153, 169, 180
Mixture: PCBs 77, 105, 118, 126, 138, 153, 169, 180
Mixture: PCBs 77, 105, 118, 126, 138, 153, 169, 180
Mixture: PCBs 77, 105, 118, 126, 138, 153, 169, 180
Mixture: PCBs 77, 105, 118, 126, 138, 153, 169, 180
Mixture: PCBs 77, 105, 118, 126, 138, 153, 169, 180
Mixture: PCBs 77, 105, 118, 126, 138, 153, 169, 180
Aroclor 1254
Aroclor 1254
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Aroclor 1254
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Aroclor 1254
Aroclor 1254
Aroclor 1254
Aroclor 1254
Aroclor 1254
Kanechlor 500

Mouse	Oral-gavage	Secondary
Mouse	Oral-gavage	Secondary
Mouse	Oral-gavage	Secondary
Mouse	Oral-gavage	Secondary
Mouse	Oral-gavage	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Secondary
Rat	Injection-ip	Primary
Mouse	Oral-gavage	Secondary
Mouse	Oral-gavage	Secondary
Mouse	Oral-gavage	Secondary
Mouse	Oral-gavage	Secondary
Mouse	Oral-gavage	Secondary
Mouse	Oral-gavage	Secondary
Mouse	Oral-gavage	Secondary
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Mouse	Oral-gavage	Secondary
Mouse	Oral-gavage	Secondary
Mouse	Oral-gavage	Primary
Mouse	Oral-gavage	Primary
Mouse	Oral-gavage	Secondary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Injection-ip	Primary
Rat	Injection-ip	Primary
Rat	Injection-ip	Primary
Rat	Injection-ip	Primary
Mouse	Injection-ip	Primary

		no	10
		no	10
		no	10
	35	5	
	35	5	
	35	5	
		no	10
		no	10
NR (180-200 g males)		30	
		no	6
		no	6
		no	6
		no	6
		no	6
		no	6
		no	8
		no	7
		no	8
		no	8
	132	1	
	132	1	
	56	6	
	56	6	
	56	6	
	56	6	
	56	6	
	56	56	
	56	56	
	56	56	
Adult		1	

18	22	N/A	N/A	4
18	39	N/A	N/A	21
18	39	N/A	N/A	21
1	44	N/A	N/A	23
1	44	N/A	N/A	23
10.5	23	N/A	N/A	28
10.5	23	N/A	N/A	28
10.5	23	N/A	N/A	28
10.5	23	N/A	N/A	28
25	39	40	55	21
25	39	40	55	21
11	18	N/A	N/A	0
11	18	N/A	N/A	0
11	23	N/A	N/A	6
11	23	N/A	N/A	6

22	4	0	0.000001	0.0001
46	4	0	0.000001	0.0001
46	4	0	0.000001	0.0001
		1	250	250
		1	250	250
		1	250	250
45	2	0	15	15
45	2	0	15	15
		0	2	2
78	2	0	7.9	7.9
48	2	0	7.9	7.9
92	2	0	7.9	7.9
78	2	0	7.9	7.9
53	5	0	6	18
53	5	0	6	18
18	3	0	80.03	80.03
18	3	0	80.03	80.03
24	2	0	80.03	80.03
24	2	0	80.03	80.03
		0	80.03	80.03
		0	80.03	80.03
		0	10	10
		0	10	10
		0	10	10
		0	10	10
		0	10	10
		0	2	2
		0	2	2
		0	2	2
		0	6.25	100

	0.000001	0.00001	N/A
			N/A
N/A		0.000001	N/A
N/A		0.000001	N/A
			N/A
N/A		250	
N/A		250	
N/A		250	
N/A		15	N/A
N/A		15	N/A
N/A		2	
			N/A
			N/A
N/A		7.9	N/A
N/A		7.9	N/A
N/A		7.9	N/A
N/A		7.9	N/A
			N/A
			N/A
N/A		6	6
N/A		6	6
			N/A
N/A		80.03	N/A
			N/A
N/A		80.03	N/A
			N/A
			N/A
			N/A
N/A		80.03	N/A
			N/A
N/A		80.03	N/A
			N/A
N/A		80.03	
N/A		80.03	
			N/A
			N/A
N/A		10	
N/A		10	
N/A		10	
			N/A
N/A		10	
N/A		10	
N/A		2	
N/A		2	
			N/A
N/A		2	
	12.5	25	

Dams exposed via gavage PND0-21 to 1, 10 or 100 ng/kg mix of PCBs; pup weight altered by PND4 in females at 10ng/kg
Dams exposed via gavage PND0-21 to 1, 10 or 100 ng/kg mix of PCBs. Litters culled to 10 on PND0. No treatment effect o
Dams exposed via gavage PND0-21 to 1, 10 or 100 ng/kg mix of PCBs. Litters culled to 10 on PND0. At PND28 1ng/kg mal
Dams exposed via gavage PND0-21 to 1, 10 or 100 ng/kg mix of PCBs. Litters culled to 10 on PND0. At PND28 1ng/kg mal
Dams exposed via gavage PND0-21 to 1, 10 or 100 ng/kg mix of PCBs. Litters culled to 10 on PND0. No effect on maternal
5 week old male rats were dosed with 0.025% Kanechlor 500 in the diet for 5 weeks. To get the ppm dose, the following
5 week old male rats were dosed with 0.025% Kanechlor 500 in the diet for 5 weeks. To get the ppm dose, the following
5 week old male rats were dosed with 0.025% Kanechlor 500 in the diet for 5 weeks. To get the ppm dose, the following
Pregnant rats were dosed with 15 mg/kg/d of Aroclor 1254 via cookie from GD1-PND23. Bones were collected and analy
Pregnant rats were dosed with 15 mg/kg/d of Aroclor 1254 via cookie from GD1-PND23. Bones were collected and analy
Adult male wistar rats (180-200 g) dosed for 30 d. Qualitative images shown in Figure 4 of PCB-induced cerebellar damag

Dams exposed GD10.5 and PND5; open field activity altered at PND60Dose calculated from information provided in Table
Dams exposed GD10.5 and PND5; long-term potentiation altered at PND30-35Dose calculated from information providec
Dams exposed GD10.5 and PND5; Morris water maze performance altered after PND 74Dose calculated from informatior
Dams exposed GD10.5 and PND5; elevated zero maze activity and acoustic startle response with prepulse inhibition alter

Dams exposed PND7-21 and pups dosed directly PND22 to the end of behavioral testing; novel object recognition altered
Dams exposed PND7-21 and pups dosed directly PND22 to the end of behavioral testing; open field activity altered at PNI
Female mice averaging 4m of age were mated and given two separate doses of 80.03mg/kg of a PCB mixture (mixture gi
Female mice averaging 4m of age were mated and given two separate doses of 80.03mg/kg of a PCB mixture (mixture gi
Female mice averaging 4m of age were mated and given two separate doses of 80.03mg/kg of a PCB mixture (mixture gi
Female mice averaging 4m of age were mated and given two separate doses of 80.03mg/kg of a PCB mixture (mixture gi
Female mice averaging 4m of age were mated and given two separate doses of 80.03mg/kg of a PCB mixture (mixture gi
Female mice averaging 4m of age were mated and given two separate doses of 80.03mg/kg of a PCB mixture (mixture gi
Female mice averaging 4m of age were mated and given two separate doses of 80.03mg/kg of a PCB mixture (mixture gi
Female mice averaging 4m of age were mated and given two separate doses of 80.03mg/kg of a PCB mixture (mixture gi
Female mice averaging 4m of age were mated and given two separate doses of 80.03mg/kg of a PCB mixture (mixture gi
Female mice averaging 4m of age were mated and given two separate doses of 80.03mg/kg of a PCB mixture (mixture gi
Female mice averaging 4m of age were mated and given two separate doses of 80.03mg/kg of a PCB mixture (mixture gi
Female mice averaging 4m of age were mated and given two separate doses of 80.03mg/kg of a PCB mixture (mixture gi
Female mice averaging 4m of age were mated and given two separate doses of 80.03mg/kg of a PCB mixture (mixture gi
Female mice averaging 4m of age were mated and given two separate doses of 80.03mg/kg of a PCB mixture (mixture gi
Male mice averaging 7 weeks of age were purchased and acclimated for a week prior to being dosed with 10 mg/kg/d of
Male mice averaging 7 weeks of age were purchased and acclimated for a week prior to being dosed with 10 mg/kg/d of
Male mice averaging 7 weeks of age were purchased and acclimated for a week prior to being dosed with 10 mg/kg/d of
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Male mice averaging 7 weeks of age were purchased and acclimated for a week prior to being dosed with 10 mg/kg/d of
Male mice averaging 7 weeks of age were purchased and acclimated for a week prior to being dosed with 10 mg/kg/d of
Male mice averaging 7 weeks of age were purchased and acclimated for a week prior to being dosed with 10 mg/kg/d of
Adult male rats were dosed with 2 mg/kg-day i.p. for 8 weeks. LOAEL is based on incidence of pathological lesions in test
Adult male rats were dosed with 2 mg/kg-day i.p. for 8 weeks. LOAEL is based on significant increase in relative testis, ep
Adult male rats were dosed with 2 mg/kg-day i.p. for 8 weeks. Testosterone decreased in PCB-treated rats at the end of 8
Adult male rats were dosed with 2 mg/kg-day i.p. for 8 weeks. LOAEL is based on significant decrease in epididymal sperr
Male mice (28-36g) were given a single i.p. injection of Kanechlor 500 and euthanized 4 days later. Most thyroid hormon

18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
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18	0.9	0.229	0.264	6	21 COMPLETE
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18	0.9	0.229	0.264	6	21 COMPLETE
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18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
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18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE

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Kato et al.	2010	1403766
Kato et al.	2010	1403766
Kato et al.	2010	1403766
Koller and Zinkl	1973	1404476
Koller and Zinkl	1973	1404476
Koller and Zinkl	1973	1404476
Koller and Zinkl	1973	1404476
Koller and Zinkl	1973	1404476
Koller and Zinkl	1973	1404476
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Koller and Zinkl	1973	1404476
Koller and Zinkl	1973	1404476
Koller and Zinkl	1973	1404476
Koller and Zinkl	1973	1404476
Aulerich et al.	1973	1404635
Aulerich et al.	1973	1404635
Aulerich et al.	1973	1404635
Aulerich et al.	1973	1404635
Aulerich et al.	1973	1404635
Aulerich et al.	1973	1404635
Aulerich et al.	1973	1404635
Aulerich et al.	1973	1404635
Aulerich et al.	1973	1404635
Aulerich et al.	1973	1404635
Kimbrough et al.	1973	1404636
Kimbrough et al.	1973	1404636
Kimbrough et al.	1973	1404636
Innami et al.	1974	1404661

tT4, fT4, tT3, TSH
liver weight
liver weight
heart histopathology
heart weight
adrenal histopathology
adrenal weight
thyroid histopathology
gastric/intestinal histopathology
RBC
RBC
cholesterol
histopathology, liver morphology
liver weight to body weight ratio
liver serum enzyme activity
spleen, thymus and lymph node histopathology
spleen weight
WBC counts
pancreatic histopathology
portions of ... bone ... were also fixed in formalin...the tissues were stained with hematoxylin and eosin
muscle histopathology
Brain weight and histopathology
uterine histopathology
testis histopathology
uterine weight
testis weight
lung weight
lung histopathology
kidney histopathology
renal weight
BUN
urinary bladder histopathology
heart weight
litter size, litter number
intestinal bleeding
gastric ulcers
liver histopathology
liver lipids
liver weight
spleen weight
litter size, litter number
kidney degeneration
kidney weight
liver histopathology
liver lipids
liver weight
serum lipids

HPT Hormones	Endocrine
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Cardiovascular Histopathology	Cardiovascular
Heart Size/Weight	Cardiovascular
Adrenal Histopathology	Endocrine
Adrenal Weight	Endocrine
Thyroid Histopathology	Endocrine
Gastrointestinal Histopathology	Gastrointestinal
Platelets	Hematopoietic
Red Blood Cells/Hemoglobin	Hematopoietic
Cholesterol	Hepatobiliary
Liver Histopathology	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Serum Biomarkers of Liver Health & Function	Hepatobiliary
Immune Organ Histopathology	Immune System
Immune Organ Size/Weight	Immune System
White Blood Cell (WBC) Counts	Immune System
Pancreatic Histopathology	Metabolic
Bone Histopathology	Musculoskeletal
Skeletal Muscle Histopathology	Musculoskeletal
Brain Weight & Histopathology	Nervous System
Reproductive Organ Histopathology (F)	Reproductive
Reproductive Organ Histopathology (M)	Reproductive
Reproductive Organ Size/Weight (F)	Reproductive
Reproductive Organ Size/Weight (M)	Reproductive
Lung Weight	Respiratory
Pulmonary Histopathology	Respiratory
Kidney Histopathology	Urinary System
Kidney Weight	Urinary System
Serum Biomarkers of Renal Function	Urinary System
Urinary Bladder Histopathology	Urinary System
Heart Size/Weight	Cardiovascular
Offspring Mortality	Developmental
Digestive System Complaints/Diseases	Gastrointestinal
Gastric Ulcer	Gastrointestinal
Liver Histopathology	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Immune Organ Size/Weight	Immune System
Pregnancy/conception rate	Reproductive
Kidney Histopathology	Urinary System
Kidney Weight	Urinary System
Liver Histopathology	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Blood Triglycerides	Hepatobiliary

Kanechlor 500
Kanechlor 500
Kanechlor 500
Aroclor 1221Aroclor 1242Aroclor 1254
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Mixture: Aroclors 1242, 1248, 1254
Mixture: Aroclors 1242, 1248, 1254
Mixture: Aroclors 1242, 1248, 1254
Mixture: Aroclors 1242, 1248, 1254
Mixture: Aroclors 1242, 1248, 1254
Mixture: Aroclors 1242, 1248, 1254
Mixture: Aroclors 1242, 1248, 1254
Mixture: Aroclors 1242, 1248, 1254
Mixture: Aroclors 1242, 1248, 1254
Mixture: Aroclors 1242, 1248, 1254
Aroclor 1254
Aroclor 1254
Aroclor 1254
PCBs

Rat	Injection-ip	Primary
Mouse	Injection-ip	Primary
Rat	Injection-ip	Primary
Rabbit	Oral-gavage	
Rabbit	Oral-gavage	
Rabbit	Oral-gavage	
Rabbit	Oral-gavage	
Rabbit	Oral-gavage	
Rabbit	Oral-gavage	
Rabbit	Oral-gavage	
Rabbit	Oral-gavage	
Rabbit	Oral-gavage	
Rabbit	Oral-gavage	
Rabbit	Oral-gavage	
Rabbit	Oral-gavage	
Rabbit	Oral-gavage	
Rabbit	Oral-gavage	
Rabbit	Oral-gavage	
Rabbit	Oral-gavage	
Rabbit	Oral-gavage	
Rabbit	Oral-gavage	
Rabbit	Oral-gavage	
Rabbit	Oral-gavage	
Rabbit	Oral-gavage	
Rabbit	Oral-gavage	
Rabbit	Oral-gavage	
Rabbit	Oral-gavage	
Rabbit	Oral-gavage	
Rabbit	Oral-gavage	
Rabbit	Oral-gavage	
Rabbit	Oral-gavage	
Rabbit	Oral-gavage	
Rabbit	Oral-gavage	
Rabbit	Oral-gavage	
Rabbit	Oral-gavage	
Mink	Oral-diet	Primary
Mink	Oral-diet	Secondary
Mink	Oral-diet	Primary
Mink	Oral-diet	Primary
Mink	Oral-diet	Primary
Mink	Oral-diet	Primary
Mink	Oral-diet	Primary
Mink	Oral-diet	Primary
Mink	Oral-diet	Primary
Mink	Oral-diet	Primary
Mink	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	

Adult		1	
Adult		1	
Adult		1	

-59	52 N/A	N/A	0

		0	37.5	100
		0	100	100
		0	100	100

N/A	37.5		
N/A	100		
N/A	100		

Male rats (160-200g) were given a single i.p. injection of Kanechlor 500 and euthanized 4d later. Total and free T4 were a
Male mice (28-36g) were given a single i.p. injection of 100mg/kg of Kanechlor 500 and euthanized 4 days later. Liver we
Male rats (160-200g) were given a single i.p. injection of 100mg/kg of Kanechlor 500 and euthanized 4d later. Liver weigh

Neither age nor weight of treated animals provided; Dosing from 1/1/1971 to 6/30/1971; timing of pregnancy within this
Neither age nor weight of treated animals provided; no evidence of whelping for any mated females fed PCB mixture; Do
Neither age nor weight of treated animals provided; Dosing from 1/1/1971 to 6/30/1971; timing of pregnancy within this
Neither age nor weight of treated animals provided; Dosing from 1/1/1971 to 6/30/1971; timing of pregnancy within this
Neither age nor weight of treated animals provided; Dosing from 1/1/1971 to 6/30/1971; timing of pregnancy within this
Neither age nor weight of treated animals provided; Dosing from 1/1/1971 to 6/30/1971; timing of pregnancy within this
Neither age nor weight of treated animals provided; Dosing from 1/1/1971 to 6/30/1971; timing of pregnancy within this
Neither age nor weight of treated animals provided; Dosing from 1/1/1971 to 6/30/1971; timing of pregnancy within this
Neither age nor weight of treated animals provided; Dosing from 1/1/1971 to 6/30/1971; timing of pregnancy within this
Neither age nor weight of treated animals provided; Dosing from 1/1/1971 to 6/30/1971; timing of pregnancy within this
Neither age nor weight of treated animals provided; Dosing from 1/1/1971 to 6/30/1971; timing of pregnancy within this
Age was not explcitly reported, but the authors state that the rats were weanlings, so PND22 is assumed. Rats recived Ar
Age was not explcitly reported, but the authors state that the rats were weanlings, so PND22 is assumed. Rats recived Ar
Age was not explcitly reported, but the authors state that the rats were weanlings, so PND22 is assumed. Rats recived Ar

	22	0.9	0.094	0.154	10	21 COMPLETE
	18	0.9	0.229	0.264	6	21 COMPLETE
	22	0.9	0.094	0.154	10	21 COMPLETE
CHECK		0.9 CHECK	CHECK	CHECK	CHECK	NONE
CHECK		0.9 CHECK	CHECK	CHECK	CHECK	NONE
CHECK		0.9 CHECK	CHECK	CHECK	CHECK	NONE
CHECK		0.9 CHECK	CHECK	CHECK	CHECK	NONE
CHECK		0.9 CHECK	CHECK	CHECK	CHECK	NONE
CHECK		0.9 CHECK	CHECK	CHECK	CHECK	NONE
CHECK		0.9 CHECK	CHECK	CHECK	CHECK	NONE
CHECK		0.9 CHECK	CHECK	CHECK	CHECK	NONE
CHECK		0.9 CHECK	CHECK	CHECK	CHECK	NONE
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CHECK		0.9 CHECK	CHECK	CHECK	CHECK	NONE
CHECK		0.9 CHECK	CHECK	CHECK	CHECK	NONE
CHECK		0.9 CHECK	CHECK	CHECK	CHECK	NONE
CHECK		0.9 CHECK	CHECK	CHECK	CHECK	NONE
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CHECK		0.9 CHECK	CHECK	CHECK	CHECK	NONE
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CHECK		0.9 CHECK	CHECK	CHECK	CHECK	NONE
CHECK		0.9 CHECK	CHECK	CHECK	CHECK	NONE
CHECK		0.9 CHECK	CHECK	CHECK	CHECK	NONE
CHECK		0.9 CHECK	CHECK	CHECK	CHECK	NONE
CHECK		0.9 CHECK	CHECK	CHECK	CHECK	NONE
	52	0.9	0.312	0.066	5	56 NONE
	52	0.9	0.312	0.066	5	56 NONE
	52	0.9	0.312	0.066	5	56 NONE
	52	0.9	0.312	0.066	5	56 NONE
	52	0.9	0.312	0.066	5	56 NONE
	52	0.9	0.312	0.066	5	56 NONE
	52	0.9	0.312	0.066	5	56 NONE
	52	0.9	0.312	0.066	5	56 NONE
	52	0.9	0.312	0.066	5	56 NONE
	52	0.9	0.312	0.066	5	56 NONE
	52	0.9	0.312	0.066	5	56 NONE
	22	0.9	0.094	0.154	10	21 COMPLETE
	22	0.9	0.094	0.154	10	21 COMPLETE
	22	0.9	0.094	0.154	10	21 COMPLETE
	22	0.9	0.094	0.154	10	21 NONE

Katie
Katie
Katie
Katie
Katie
Katie

Innami et al.	1974	1404661
Innami et al.	1974	1404661
Innami et al.	1974	1404661
Burse et al.	1974	1404880
Burse et al.	1974	1404880
Burse et al.	1974	1404880
Burse et al.	1974	1404880
Burse et al.	1974	1404880
Burse et al.	1974	1404880
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Allen et al.	1975	1405015
Allen et al.	1975	1405015
Allen et al.	1975	1405015
Allen et al.	1975	1405015
Allen et al.	1975	1405015
Allen et al.	1975	1405015
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Bastomsky et al.	1975	1405019
Bastomsky et al.	1975	1405019
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Carlson	1975	1405053
Carlson	1975	1405053
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Innami et al.	1975	1405067
Innami et al.	1975	1405067
Innami et al.	1975	1405067
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Righter et al.	1976	1405224
Righter et al.	1976	1405224
Righter et al.	1976	1405224
Righter et al.	1976	1405224
Righter et al.	1976	1405224
Righter et al.	1976	1405224
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Platonow et al.	1976	1405279
Platonow et al.	1976	1405279
Platonow et al.	1976	1405279
Platonow et al.	1976	1405279
Platonow et al.	1976	1405279
Platonow et al.	1976	1405279
Platonow et al.	1976	1405279
Platonow et al.	1976	1405279
Platonow et al.	1976	1405279
Platonow et al.	1976	1405279

phospholipid levels in the liver
liver weight (absolute and relative)
vitamin A levels in the liver
liver histopathology
liver histopathology
liver lipids
liver lipids
liver weight
liver weight
hemoglobin, hematocrit, total erythrocyte count
cholesterol
hepatic microsomal enzymes (glucose-6-phosphatase, N-demethylase, aniline hydroxylase, nitroreductase, glucose-6-ph
liver ultrastructure
hepatic phospholipid
liver percent of body weight
total and differential white cell count
microsomal protein
liver weight
serum bilirubin
liver microsomal cytochrome c reductase activity and cytochrome P-450 content
relative liver weight
serum transaminases (SGOT and SGPT)
bad coat of fur
liver weight, relative liver weight
liver retinoids
eye mucus
blood pressure
arrhythmia
heart histopathology
liver histopathology
body temp
respiratory acidosis, pC02, po2 blood
hemorrhagic lungs and edema
respiration rate
kidney histopathology
adipose tissue histopathology
heart histopathology
adrenal histopathology
gastric/intestinal histopathology
clotting factors, whole blood clotting time in glass (WBCT), one-stage prothrombin time (OSPT) and Russell's viper venom
hematocrit
liver histopathology
liver weight (absolute and relative)
spleen histopathology
adipose tissue histopathology
skeletal muscle histopathology
brain histopathology

Liver Lipids/Steatosis	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Micronutrients	Hepatobiliary
Liver Histopathology	Hepatobiliary
Liver Histopathology	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Red Blood Cells/Hemoglobin	Hematopoietic
Cholesterol	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Liver Histopathology	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
White Blood Cell (WBC) Counts	Immune System
Liver Enzyme Induction	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Serum Biomarkers of Liver Health & Function	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Serum Biomarkers of Liver Health & Function	Hepatobiliary
Alopecia	Dermal
Liver Weight/Hepatomegaly	Hepatobiliary
Micronutrients	Hepatobiliary
Ocular Discharge	Ocular
Blood Pressure/Hypertension	Cardiovascular
Cardiac Arrhythmia	Cardiovascular
Cardiovascular Histopathology	Cardiovascular
Liver Histopathology	Hepatobiliary
Body Temperature/Metabolic Rate	Metabolic
Blood Gas Tension	Respiratory
Pulmonary Histopathology	Respiratory
Respiratory Rate	Respiratory
Kidney Histopathology	Urinary System
Adipose Tissue Histopathology	Metabolic
Cardiovascular Histopathology	Cardiovascular
Adrenal Histopathology	Endocrine
Gastrointestinal Histopathology	Gastrointestinal
Clotting Function	Hematopoietic
Red Blood Cells/Hemoglobin	Hematopoietic
Liver Histopathology	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Immune Organ Histopathology	Immune System
Adipose Tissue Histopathology	Metabolic
Skeletal Muscle Histopathology	Musculoskeletal
Brain Weight & Histopathology	Nervous System

PCBs
PCBs
PCBs
Aroclor 1016
Aroclor 1242
Aroclor 1016
Aroclor 1242
Aroclor 1016
Aroclor 1242
Aroclor 1248
Aroclor 1248
Aroclor 1248
Aroclor 1248
Aroclor 1248
Aroclor 1248
Aroclor 1248
Aroclor 1254
Aroclor 1254
Aroclor 1254
Aroclor 1254
Aroclor 1254
Aroclor 1254
PCBs
PCBs
PCBs
PCBs
Aroclor 1254
Aroclor 1254
Aroclor 1254
Aroclor 1254
Aroclor 1254
Aroclor 1254
Aroclor 1254
Aroclor 1254
Aroclor 1254
Kanechlor 400
Aroclor 1232Aroclor 1242Aroclor 1254
Aroclor 1232Aroclor 1242Aroclor 1254
Aroclor 1232Aroclor 1242Aroclor 1254
Aroclor 1232Aroclor 1242Aroclor 1254
Aroclor 1232Aroclor 1242Aroclor 1254
Aroclor 1232Aroclor 1242Aroclor 1254
Aroclor 1232Aroclor 1242Aroclor 1254
Aroclor 1232Aroclor 1242Aroclor 1254
Aroclor 1232Aroclor 1242Aroclor 1254
Aroclor 1232Aroclor 1242Aroclor 1254
Aroclor 1232Aroclor 1242Aroclor 1254

Rat	Oral-diet	
Rat	Oral-diet	
Rat	Oral-diet	
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Injection-ip	Primary
Rat	Injection-ip	Primary
Rat	Injection-ip	Primary
Rat	Injection-ip	Primary
Rat	Injection-ip	Primary
Rat	Injection-ip	Primary
Rat	Oral-diet	
Rat	Oral-diet	
Rat	Oral-diet	
Rat	Oral-diet	
Cat	Injection-iv	
Cat	Injection-iv	
Cat	Injection-iv	
Cat	Injection-iv	
Cat	Injection-iv	
Cat	Injection-iv	
Cat	Injection-iv	
Cat	Injection-iv	
Cat	Injection-iv	
Rat	Oral-gavage	Primary
Swine	Oral-diet	
Swine	Oral-diet	
Swine	Oral-diet	
Swine	Oral-diet	
Swine	Oral-diet	
Swine	Oral-diet	
Swine	Oral-diet	
Swine	Oral-diet	
Swine	Oral-diet	
Swine	Oral-diet	
Swine	Oral-diet	

	67	122
	67	122
	67	122
	67	182.5
NR (130 g male)		28
NR (130 g male)		28
NR (130 g male)		28
NR (130 g male)		28
NR (130 g male)		28
NR (130 g male)		28
NR (130 g male)		28
NR (200-220g)		4
NR (200-220g)		4
NR (150-190 g)		4
NR (adult males)		6
NR (adult males)		6

	1	100	100
	1	100	100
	1	100	100
	1	100	100
	1	100	100
	1	100	100
	1	100	100
	1	100	100
	1	100	100
	1	100	100
	1	100	100
	0	25	25
	0	25	25
	0	25	25
	0	25	25
	0	25	25

N/A	100		
N/A	100		
N/A	100		
N/A	100		
			N/A
			N/A
	100 N/A		N/A
N/A	100		
N/A	100		
N/A	100		
	100 N/A		N/A
N/A	100		
	100 N/A		N/A
N/A	25		
N/A	25		
N/A	25		
N/A	25		
N/A	25		
			N/A
			N/A

Male rats fed 100 ppm A1242 or A1016. Enlarged hepatocytes after 4 months on diet (p306, Table 3).
Male rats fed 100 ppm A1242 or A1016. Enlarged hepatocytes after 4 months on diet (p306, Table 3).
Male rats fed 100 ppm A1242 or A1016. Experimental animals showed "an increase in the number of lipid vacuoles" (p30
Male rats fed 100 ppm A1242 or A1016. Experimental animals showed "an increase in the number of lipid vacuoles" (p30
Male rats fed 100 ppm A1242 or A1016. No effect on liver weight (p304).
Male rats fed 100 ppm A1242 or A1016. No effect on liver weight (p304).
Adult male rats were fed a diet containing 100 ppm Aroclor 1248 for 4 wk. "the hemoglobin, hematocrit, total white cell
Adult male rats were fed a diet containing 100 ppm Aroclor 1248 for 4 wk. "The Aroclor 1248 microsomes also had a decr
Adult male rats were fed a diet containing 100 ppm Aroclor 1248 for 4 wk. "The liver microsomes of the Aroclor rats had
Adult male rats were fed a diet containing 100 ppm Aroclor 1248 for 4 wk. "Electron microscopically, the livers of the Aro
Adult male rats were fed a diet containing 100 ppm Aroclor 1248 for 4 wk. No PCB related effects on liver phospholipid r
Adult male rats were fed a diet containing 100 ppm Aroclor 1248 for 4 wk. "The only difference that was recorded at nec
Adult male rats were fed a diet containing 100 ppm Aroclor 1248 for 4 wk. "the hemoglobin, hematocrit, total white cell
Female Sprague-Dawley rats given 4 daily injections of 25 mg/kg A1254. Significant effect on liver microsomal protein (p
Female Sprague-Dawley rats given 4 daily injections of 25 mg/kg A1254. Significant increase in absolute liver weight (p17
Female Gunn rats given 4 daily injections of 25 mg/kg A1254. Significant effect on serum bilirubin (p173, Table II).
Male rats dosed with 25 mg/kg A1254 for 6 days. Significant difference vs control (p71, 73, Table II).
Male rats dosed with 25 mg/kg A1254 for 6 days. Significant effect on liver:bw ratio vs control (p71, 73, Table II).
Male rats dosed with 25 mg/kg A1254 for 6 days. No effect on SGOT or SGPT (p73, Table II).

Mice given dose of 150 mg/kg Kanechlor 400. No observable changes in adipose tissue histopath (p2171).

22	0.9	0.094	0.154	10	21	NONE
22	0.9	0.094	0.154	10	21	NONE
22	0.9	0.094	0.154	10	21	NONE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	NONE
22	0.9	0.094	0.154	10	21	NONE
22	0.9	0.094	0.154	10	21	NONE
22	0.9	0.094	0.154	10	21	NONE
CHECK	1	CHECK	CHECK	CHECK	CHECK	NONE
CHECK	1	CHECK	CHECK	CHECK	CHECK	NONE
CHECK	1	CHECK	CHECK	CHECK	CHECK	NONE
CHECK	1	CHECK	CHECK	CHECK	CHECK	NONE
CHECK	1	CHECK	CHECK	CHECK	CHECK	NONE
CHECK	1	CHECK	CHECK	CHECK	CHECK	NONE
CHECK	1	CHECK	CHECK	CHECK	CHECK	NONE
CHECK	1	CHECK	CHECK	CHECK	CHECK	NONE
CHECK	1	CHECK	CHECK	CHECK	CHECK	NONE
22	0.9	0.094	0.154	10	21	COMPLETE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE

Chelsea
Chelsea
Chelsea
Chelsea
Chelsea
Chelsea
Geniece
Geniece
Geniece
Geniece
Geniece
Geniece
Geniece
Chelsea
Chelsea
Chelsea
Chelsea
Chelsea
Chelsea

Chelsea

Platonow et al.	1976	1405279
Platonow et al.	1976	1405279
Platonow et al.	1976	1405279
Platonow et al.	1976	1405279
Platonow et al.	1976	1405279
Platonow et al.	1976	1405279
Platonow et al.	1976	1405279
Platonow et al.	1976	1405279
Zinkl	1977	1405339
Zinkl	1977	1405339
Zinkl	1977	1405339
Zinkl	1977	1405339
Zinkl	1977	1405339
Zinkl	1977	1405339
Zinkl	1977	1405339
Zinkl	1977	1405339
Zinkl	1977	1405339
Zinkl	1977	1405339
Zinkl	1977	1405339
Bastomsky	1977	1405397
Bastomsky	1977	1405397
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Oishi et al.	1978	1405559
Oishi et al.	1978	1405559
Oishi et al.	1978	1405559
Oishi et al.	1978	1405559
Oishi et al.	1978	1405559
Oishi et al.	1978	1405559
Oishi et al.	1978	1405559
Oishi et al.	1978	1405559
Oishi et al.	1978	1405559
Oishi et al.	1978	1405559
Oishi et al.	1978	1405559
Oishi et al.	1978	1405559
Oishi et al.	1978	1405559
Oishi et al.	1978	1405559
Oishi et al.	1978	1405559
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Chakraborty et al.	1978	1405560
Chakraborty et al.	1978	1405560
Chakraborty et al.	1978	1405560

ovarian and uterine histopathology
testis histopathology
ovarian and uterine weights
testis weight
plasma testosterone levels
lung histopathology
kidney histopathology
kidney weight
heart weight
alopecia
microscopically - hyperkeratosis and parakeratosis
erythema
rough and "crusty" skin
cholesterol
liver lesions, histopathogy
liver weight (relative)
serum activities of glutamic-oxaloacetic transaminase (S-GOT), glutamic-pyruvate transaminase (S-GPT), lactic dehydroge
serum gamma-globulin concentration
serum urea nitrogen
T4, T3, free T4 index, free T3 index, TSH
thyroid weight
liver histopathology
liver lipid levels
liver weight
heart weight
chloracne
adrenal weight
erythrocyte counts, hemoglobin, hematocrit, MCV, MCH, MCHC
serum triglycerides
serum cholesterol
total liver lipid
liver weight
glutamic-oxaloacetic transaminase, glutamic-pyruvic transaminase, alkaline phosphatase
thymus and spleen weights
leukocyte counts
blood glucose
absolute and relative brain weight, gross pathology of brain
testes, seminal vesicles, and prostate weights
lung weight
kidney weight
blood urea nitrogen
urine sodium or potassium
urine volume
hemoglobin
liver histopathology
liver total lipid, phospholipid, neutral lipid, and components of neutral lipid (monoglycerides, sterols, free-fatty acids, dig
relative liver weight

Reproductive Organ Histopathology (F)	Reproductive
Reproductive Organ Histopathology (M)	Reproductive
Reproductive Organ Size/Weight (F)	Reproductive
Reproductive Organ Size/Weight (M)	Reproductive
Sex Hormone Levels (M)	Reproductive
Pulmonary Histopathology	Respiratory
Kidney Histopathology	Urinary System
Kidney Weight	Urinary System
Heart Size/Weight	Cardiovascular
Alopecia	Dermal
Dermal Histopathology	Dermal
Dermal Irritation	Dermal
Hyperkeratosis	Dermal
Cholesterol	Hepatobiliary
Liver Histopathology	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Serum Biomarkers of Liver Health & Function	Hepatobiliary
Immunoglobulin Levels - Nonspecific	Immune System
Serum Biomarkers of Renal Function	Urinary System
HPT Hormones	Endocrine
Thyroid Size/Weight	Endocrine
Liver Histopathology	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Heart Size/Weight	Cardiovascular
Acne/Chloracne	Dermal
Adrenal Weight	Endocrine
Red Blood Cells/Hemoglobin	Hematopoietic
Blood Triglycerides	Hepatobiliary
Cholesterol	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Serum Biomarkers of Liver Health & Function	Hepatobiliary
Immune Organ Size/Weight	Immune System
White Blood Cell (WBC) Counts	Immune System
Blood/Urinary Glucose	Metabolic
Brain Weight & Histopathology	Nervous System
Reproductive Organ Size/Weight (M)	Reproductive
Lung Weight	Respiratory
Kidney Weight	Urinary System
Serum Biomarkers of Renal Function	Urinary System
Urinalysis	Urinary System
Urine Output	Urinary System
Red Blood Cells/Hemoglobin	Hematopoietic
Liver Histopathology	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary

Aroclor 1232Aroclor 1242Aroclor 1254
Aroclor 1232Aroclor 1242Aroclor 1254
Aroclor 1232Aroclor 1242Aroclor 1254
Aroclor 1232Aroclor 1242Aroclor 1254
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Aroclor 1254
Kanechlor 500
Kanechlor 500
Kanechlor 500
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Kanechlor 500
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Kanechlor 500
Kanechlor 500
Kanechlor 500
Kanechlor 500
Aroclor 1254
Aroclor 1254
Aroclor 1254
Aroclor 1254

Swine	Oral-diet	
Swine	Oral-diet	
Swine	Oral-diet	
Swine	Oral-diet	
Swine	Oral-diet	
Swine	Oral-diet	
Swine	Oral-diet	
Swine	Oral-diet	
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary

NR (175g female)		28
NR (175g female)		84
NR (175g female)		84
NR (175g female)		84
NR (175g female)		84
NR (175g female)		14
NR (175g female)		84
NR (175g female)		35
NR (175g female)		14
NR (175g female)		14
NR (175g female)		
NR (180-200g male)		15
NR (180-200g male)		15
	28	35
	28	35
	28	35
NR (100-130 g male)		28
NR (100-130 g male)		28
NR (100-130 g male)		28
NR (100-130 g male)		28
NR (100-130 g male)		28
NR (100-130 g male)		28
NR (100-130 g male)		28
NR (100-130 g male)		28
NR (100-130 g male)		28
NR (70-80g males)		12
NR (70-80g males)		12
NR (70-80g males)		12
NR (70-80g males)		12

	1	10	100
	1	10	100
	1	10	100
	1	10	100
	1	10	100
	1	10	100
	1	10	100
	1	10	100
	1	10	100
	1	10	100
	1	10	100
	1	10	100
	1	250	250
	1	250	250
	1	5	500
	1	5	500
	1	5	500
	0	10.2	10.2
	0	10.2	10.2
	0	10.2	10.2
	0	10.2	10.2
	0	10.2	10.2
	0	10.2	10.2
	0	10.2	10.2
	0	10.2	10.2
	0	10.2	10.2
	0	10	10
	0	10	10
	0	10	10
	0	10	10

	30	100	
N/A		10	
N/A		10	
N/A		10	
N/A		10	
	10	30	
N/A		10	
	10	30	
	30	100	
N/A		10	
	100 N/A		N/A
N/A		250	
N/A		250	
	5	50	
	5	50	
N/A		5	
			N/A
			N/A
			N/A
N/A		10.2	
N/A		10.2	
N/A		10.2	
N/A		10.2	
N/A		10.2	
N/A		10.2	
N/A		10.2	
			N/A
N/A		10.2	
N/A		10.2	
			N/A
			N/A
			N/A
			N/A
			N/A
			N/A
	10 N/A		N/A
N/A		10	
N/A		10	
N/A		10	

"Heart to body weight ratios were increased in the 100-ppm animals (P < 0.05) and there was also a dose-response incre
"Skin lesions were first noted on the ears at about 10 weeks in the 100-ppm rats. Grossly these consisted of roughening a
"Skin lesions were first noted on the ears at about 10 weeks in the 100-ppm rats. Grossly these consisted of roughening a
"Skin lesions were first noted on the ears at about 10 weeks in the 100-ppm rats. Grossly these consisted of roughening a
"Skin lesions were first noted on the ears at about 10 weeks in the 100-ppm rats. Grossly these consisted of roughening a
"Serum cholesterol concentration (Figure 1) was increased in both the 30-ppm and 100-ppm rats (P <0.01)."
"Twelve weeks after first eating the PCB diet, foci of necrosis were found in the central and midzonal areas of the livers,
"The liver to body weight ratios were significantly increased in the 30-ppm and 100-ppm animals (P <0.01) (Figure 6), anc
"S-GOT activity (Figure 2) P <0.05) was increased...in the 100-ppm animals."
"β-globulin (Figure 4) was increased in all the treated groups (10 ppm, P <0.05; 30 ppm and I00 ppm, P <0.01)."

Hooded male rats given 250 ppm A1254 in low or high iodine diet for 15 days. Significant treatment effect on T4, T3, free
Hooded male rats given 250 ppm A1254 in low or high iodine diet for 15 days. Significant treatment effect on relative thy
Male rats fed diets containing 0, 5, 50, or 500 ppm of PCB for 5 wks then sacrificed. Fatty degeneration in 50 and 500 ppn
Male rats fed diets containing 0, 5, 50, or 500 ppm of PCB for 5 wks then sacrificed. "The oil red-O stain demonstrated ar
Male rats fed diets containing 0, 5, 50, or 500 ppm of PCB for 5 wks then sacrificed. Absolute liver weight signficantly hig
Male rats fed diet containing 100 ppm PCBs; authors estimated dose to be 10.2 mg/kg-d. Absolute and relative heart we
Male rats fed diet containing 100 ppm PCBs; authors estimated dose to be 10.2 mg/kg-d. No observation of chloracne in
Male rats fed diet containing 100 ppm PCBs; authors estimated dose to be 10.2 mg/kg-d. Absolute and relative adrenal
Male rats fed diet containing 100 ppm PCBs; authors estimated dose to be 10.2 mg/kg-d. MCHC significantly different fr
Male rats fed diet containing 100 ppm PCBs; authors estimated dose to be 10.2 mg/kg-d. Serum triglyceride levels were
Male rats fed diet containing 100 ppm PCBs; authors estimated dose to be 10.2 mg/kg-d. Serum cholesterol levels were
Male rats fed diet containing 100 ppm PCBs; authors estimated dose to be 10.2 mg/kg-d. Total liver lipid levels were alte
Male rats fed diet containing 100 ppm PCBs; authors estimated dose to be 10.2 mg/kg-d. Relative liver weight was altere
Male rats fed diet containing 100 ppm PCBs; authors estimated dose to be 10.2 mg/kg-d. Some clinical chemistry endpoi
Male rats fed diet containing 100 ppm PCBs; authors estimated dose to be 10.2 mg/kg-d. Relative spleen weight was alte
Male rats fed diet containing 100 ppm PCBs; authors estimated dose to be 10.2 mg/kg-d. White blood cell counts were u
Male rats fed diet containing 100 ppm PCBs; authors estimated dose to be 10.2 mg/kg-d. Serum glucose levels were alte
Male rats fed diet containing 100 ppm PCBs; authors estimated dose to be 10.2 mg/kg-d. Increased absolute and relative
Male rats fed diet containing 100 ppm PCBs; authors estimated dose to be 10.2 mg/kg-d. Absolute and relative male rep
Male rats fed diet containing 100 ppm PCBs; authors estimated dose to be 10.2 mg/kg-d. Absolute and relative lung wei
Male rats fed diet containing 100 ppm PCBs; authors estimated dose to be 10.2 mg/kg-d. Absolute and relative kidney w
Male rats fed diet containing 100 ppm PCBs; authors estimated dose to be 10.2 mg/kg-d. Blood urea nitrogen levels wer
Male rats fed diet containing 100 ppm PCBs; authors estimated dose to be 10.2 mg/kg-d. Urinary sodium and potassium
Male rats fed diet containing 100 ppm PCBs; authors estimated dose to be 10.2 mg/kg-d. Urinary volume was not affecte

Dose reported as 1 mg/100g BW-d. "Pronounced degenerative changes in the normal histological pattern of liver tissues
Dose reported as 1 mg/100g BW-d. Endpoint reported in Table 3.
Dose reported as 1 mg/100g BW-d. Endpoint reported in Table 1.

CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
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22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
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22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE

Geniece
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Chelsea
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Geniece
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Geniece
Geniece

Chakraborty et al.	1978	1405560
Chakraborty et al.	1978	1405560
Chakraborty et al.	1978	1405560
Hinton et al.	1978	1405660
Hinton et al.	1978	1405660
Hinton et al.	1978	1405660
Hinton et al.	1978	1405660
Hinton et al.	1978	1405660
Narbonne	1979	1405902
Narbonne	1979	1405902
Narbonne	1979	1405902
Narbonne	1979	1405972
Oishi and Hiraga	1980	1406102
Oishi and Hiraga	1980	1406102
Oishi and Hiraga	1980	1406102
Tani et al.	1980	1406111
Tani et al.	1980	1406111
Tani et al.	1980	1406111
Tani et al.	1980	1406111
Tani et al.	1980	1406111
Aly et al.	2009	1406313
Aly et al.	2009	1406313
Komives	1980	1406371
Watanabe and Sugahara	1981	1406415
Watanabe and Sugahara	1981	1406415
Watanabe and Sugahara	1981	1406415
Watanabe and Sugahara	1981	1406415
Watanabe and Sugahara	1981	1406415
Watanabe and Sugahara	1981	1406415
Chow et al.	1981	1406418
Chow and Gairola	1981	1406420
Jonsson et al.	1981	1406435
Deml and Oesterle	1982	1406669
Deml and Oesterle	1982	1406669
Kluwe et al.	1982	1406671
Kluwe et al.	1982	1406671
Kluwe et al.	1982	1406671
Kluwe et al.	1982	1406671
Kluwe et al.	1982	1406671
Kluwe et al.	1982	1406671
Kluwe et al.	1982	1406671
Kluwe et al.	1982	1406671
Kluwe et al.	1982	1406671
Hori et al.	1982	1406694
Hori et al.	1982	1406694
Hori et al.	1982	1406694
Hori et al.	1982	1406694

liver concentration of L-ascorbic acid, L-ascorbic acid metabolizing enzyme activities (L-gulonolactone oxidase, dehydroas
histological kidney alterations
kidney weight ratio
liver cholesterol
cytochrome P-450, NADPH cytochrome c reductase, ethylmorphine demethylase activities
liver histopathology
liver triglyceride and phospholipid
liver weight (absolute and relative)
microsomal liver proteins, pentobarbital-induced sleeping time
liver fat
liver weight
liver aminopyrine-N-demethylase activity, aniline hydroxylase activity, cytochrome P-450 and cytochrome b-5 concentrat
liver weight
sensitivity to endotoxin
thymus and spleen weights
liver cholesterol, plasma cholesterol
aminopyrine demethylase
liver total lipids
liver weight
liver ascorbic acid
absolute testes and epididymis weight
sperm count, motility, and production, sperm abnormalities
rectal temperature
skin lesion
alopecia
cleft palate
resorbed and dead fetus
fetal body weight
swelling of the liver
liver ascorbic acid
aryl hydrocarbon hydroxylase, GSH-S-transferase, GSH peroxidase, GSH reductase
gross liver pathology, liver histopathology (light and electron microscopic examination)
mitotic index in liver, evaluation of hepatocyte size
liver weight
liver histology
lipid content of liver
liver weight
glutamic pyruvic and glutamic oxaloacetic transaminase activities
urinary glucose
kidney histology
kidney weight
serum urea nitrogen
urinalysis (blood, protein, pH)
dermal pigmentation
acneform eruptions
hair loss
cornifications of the skin

Micronutrients	Hepatobiliary
Kidney Histopathology	Urinary System
Kidney Weight	Urinary System
Cholesterol	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Liver Histopathology	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Endotoxin Sensitivity	Immune System
Immune Organ Size/Weight	Immune System
Cholesterol	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Micronutrients	Hepatobiliary
Reproductive Organ Size/Weight (M)	Reproductive
Sperm/semen parameters	Reproductive
Body Temperature/Metabolic Rate	Metabolic
Acne/Chloracne	Dermal
Alopecia	Dermal
Birth Defects	Developmental
Offspring Mortality	Developmental
Weight and Size (Early Life)	Developmental
Liver Weight/Hepatomegaly	Hepatobiliary
Micronutrients	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Liver Histopathology	Hepatobiliary
Liver Histopathology	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Histopathology	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Serum Biomarkers of Liver Health & Function	Hepatobiliary
Blood/Urinary Glucose	Metabolic
Kidney Histopathology	Urinary System
Kidney Weight	Urinary System
Serum Biomarkers of Renal Function	Urinary System
Urinalysis	Urinary System
Abnormal Pigmentation	Dermal
Acne/Chloracne	Dermal
Alopecia	Dermal
Hyperkeratosis	Dermal

Aroclor 1254
Aroclor 1254
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Aroclor 1254
Aroclor 1254
Aroclor 1254
Aroclor 1254
Phenochlor DP6
Phenochlor DP6
Phenochlor DP6
Phenochlor DP6
Kanechlor 500
Kanechlor 500
Kanechlor 500
Aroclor 1248
Aroclor 1248
Aroclor 1248
Aroclor 1248
Aroclor 1248
Aroclor 1254
Aroclor 1254
Aroclor 1254
Kanechlor 500
Kanechlor 500
Kanechlor 500
Kanechlor 500
Kanechlor 500
Kanechlor 500
Aroclor 1254
Aroclor 1254
Aroclor 1242
Clophen A50
Clophen A50
Aroclor 1254
Aroclor 1254
Aroclor 1254
Aroclor 1254
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Aroclor 1254
Aroclor 1254
Aroclor 1254
Aroclor 1254
Kanechlor 400
Kanechlor 400
Kanechlor 400
Kanechlor 400

Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Injection-ip	Primary
Rat	Injection-ip	Primary
Rat	Injection-ip	Primary
Rat	Injection-ip	Primary
Rat	Injection-ip	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Mouse	Oral-gavage	Primary
Mouse	Oral-gavage	Primary
Mouse	Oral-gavage	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Injection-ip	Primary
Rat	Injection-ip	Primary
Rat	Oral-gavage	Primary
Mouse	Injection-sc	Primary
Mouse	Injection-sc	Primary
Mouse	Injection-sc	Secondary
Mouse	Injection-sc	Secondary
Mouse	Injection-sc	Secondary
Mouse	Injection-sc	Primary
Rat	Injection-ip	Primary
Rat	Injection-ip	Primary
Rat	Oral-diet	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Cynomolgus monkey	Oral-cookie	Primary
Cynomolgus monkey	Oral-cookie	Primary
Cynomolgus monkey	Oral-cookie	Primary
Cynomolgus monkey	Oral-cookie	Primary

NR (70-80g males)		12		
NR (70-80g males)		12		
NR (70-80g males)		12		
NR (150-200g, male)		6		
NR (150-200g, male)		6		
NR (150-200g, male)		3		
NR (150-200g, male)		6		
NR (150-200g, male)		6		
	200	8		
	200	8		
	200	8		
NR (60-65g males)		3		
NR (95-105 g males)		30		
NR (95-105 g males)		30		
NR (95-105 g males)		30		
NR (95-105 g males)		30		
NR (95-105 g males)		30		
	97	20		
	97	20		
NR (180-200g male)		3		
	52.5	10		
	52.5	10		
			no	6
			no	6
	52.5	10		
	163	1		
	165	1		
NR (250 g females)		252		
	61	49		
	61	49		
NR (100-125g male + 20d acclimation)		20		
NR (100-125g male + 20d acclimation)		20		
NR (100-125g male + 20d acclimation)		20		
NR (2.5 kg female)				
NR (2.5 kg female)				
NR (2.5 kg female)				
NR (2.5 kg female)				

6	16	N/A	N/A	0
6	16	N/A	N/A	0

		0	10	10
		0	10	10
		0	10	10
		0	25	50
		0	25	50
		0	25	50
		0	25	50
		0	25	50
		0	13	24
		0	13	24
		0	13	24
		1	1	1000
		1	5	100
		1	5	100
		1	5	100
		1	5	100
		1	5	100
		0	0.75	3
		0	0.75	3
		0	50	250
		0	36.4	181.8
		0	36.4	181.8
18	3	0	36.4	181.8
18	3	0	36.4	181.8
		0	36.4	181.8
		0	500	500
		0	500	500
		1	75	150
		0	7.14	14.29
		0	7.14	14.29
		0	10	10
		0	10	10
		0	10	10

N/A	10		
N/A	10		
10 N/A			N/A
N/A	25		
N/A	25		
N/A	25		
N/A	25		
N/A	25		
N/A	13		
N/A	13		
N/A	13		
N/A	1		
			N/A
			N/A
			N/A
10	30		
5	10		
10	30		
10	30		
N/A	5		
0.75	1.5		
0.75	1.5		
N/A	50		
N/A	36.4		
N/A	36.4		
N/A	36.4	N/A	
72.7	109.1	N/A	
			N/A
N/A	36.4		
N/A	500		
N/A	500		
N/A	75		
N/A	7.14		
N/A	7.14		
N/A	10		
N/A	10		
N/A	10		
			N/A
			N/A
			N/A
			N/A
			N/A
			N/A
			N/A
			N/A
			N/A
			N/A

Dose reported as 1 mg/100g BW-d. Endpoint reported in Table 1.
Dose reported as 1 mg/100g BW-d. "The number of cytoplasmic granules was found to be increased after PCB treatment

Male rats given daily ip injections for 3 or 6 days with 25 or 50 mg/kg A1254. "Cholesterol values in animals treated for 6
Male rats given daily ip injections for 3 or 6 days with 25 or 50 mg/kg A1254. Total cytochrome P-450 per gram of liver in
Male rats given daily ip injections for 3 or 6 days with 25 or 50 mg/kg A1254. Enlarged hepatocytes, increased smooth en
Male rats given daily ip injections for 3 or 6 days with 25 or 50 mg/kg A1254. Significant increase in triglycerided levels a
Male rats given daily ip injections for 3 or 6 days with 25 or 50 mg/kg A1254. Significant increase in relative liver weight a
Authors conducted two tests, one which compared sexes in rats weighing 300g at study start and another test which com
Authors conducted two tests, one which compared sexes in rats weighing 300g at study start and another test which com
Authors conducted two tests, one which compared sexes in rats weighing 300g at study start and another test which com
Age NR. Calculated curve instead of reporting dose-resp info from which NOAEL and LOAELs could be directly identified.
Mice 4 weeks old were gavaged once a week for 4 weeks with 10 or 100 ug/kg of Kanechlor 500. Endotoxin injection occ
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Age NR. Treatment time 30 or 31 days. All data reported in Table 1
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Age NR. Treatment time 30 or 31 days. All data reported in Table 1
Age NR. Treatment time 30 or 31 days. All data reported in Table 1
Adult male rats (90+7 days old) were injected with 0, 0.75, 1.5 or 3 mg/kg/day i.p. for 20 days. LOAEL based on decreasec
Adult male rats (90+7 days old) were injected with 0, 0.75, 1.5 or 3 mg/kg/day i.p. for 20 days. LOAEL based on decreasec
Male rats dosed with 0.05 or 0.25 g/kg A1254. Rectal temp significantly different at 50 mg/kg after 3 days (p916, Table 2)
Pregnant mice injected with 1-5 mg PCB from GD6 to GD16. Body weight at start of experiment used to calculate daily dc
Pregnant mice injected with 1-5 mg PCB from GD6 to GD16. Body weight at start of experiment used to calculate daily dc
Pregnant mice injected with 1-5 mg PCB from GD6 to GD16. Body weight at start of experiment used to calculate daily dc
Pregnant mice injected with 1-5 mg PCB from GD6 to GD16. Body weight at start of experiment used to calculate daily dc
Pregnant mice injected with 1-5 mg PCB from GD6 to GD16. Body weight at start of experiment used to calculate daily dc
Pregnant mice injected with 1-5 mg PCB from GD6 to GD16. Body weight at start of experiment used to calculate daily dc
1 month old rats maintained on diet for 19 weeks, then given single ip injection of 500 mg/kg A1254. Significant effect or
Weanling (assuming PND22) male rats were fed regular chow for 10d then treated with or without selenium in the diet f
Age NR. PCB D-R data from Table 2.
Male and female rats treated once weekly with 50 or 100 mg/kg Clophen A50 for 7 weeks. Converted to continous dosin
Male and female rats treated once weekly with 50 or 100 mg/kg Clophen A50 for 7 weeks. Converted to continous dosin
Male rats weighing 100-125g fed diet of 100ppm of Aroclor 1254 for 20 days. Authors estimated exposure to be 10mg/k
Male rats weighing 100-125g fed diet of 100ppm of Aroclor 1254 for 20 days. Authors estimated exposure to be 10mg/k
Male rats weighing 100-125g fed diet of 100ppm of Aroclor 1254 for 20 days. Authors estimated exposure to be 10mg/k
Male rats weighing 100-125g fed diet of 100ppm of Aroclor 1254 for 20 days. Authors estimated exposure to be 10mg/l
Male rats weighing 100-125g fed diet of 100ppm of Aroclor 1254 for 20 days. No effect on urinary glucose (p327).
Male rats weighing 100-125g fed diet of 100ppm of Aroclor 1254 for 20 days. Authors estimated exposure to be 10mg/k
Male rats weighing 100-125g fed diet of 100ppm of Aroclor 1254 for 20 days. Authors estimated exposure to be 10mg/k
Male rats weighing 100-125g fed diet of 100ppm of Aroclor 1254 for 20 days. Authors estimated exposure to be 10mg/k
Male rats weighing 100-125g fed diet of 100ppm of Aroclor 1254 for 20 days. Authors estimated exposure to be 10mg/k
Age NR. Dose reported as 5 mg/monkey/day except Sunday for 20 weeks. p135, top of page; weight given as 2.5 kg; dose
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Age NR. Dose reported as 5 mg/monkey/day except Sunday for 20 weeks. p135, top of page; weight given as 2.5 kg; dose

22	0.9	0.094	0.154	10	21 COMPLETE
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22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
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18	0.9	0.229	0.264	6	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
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22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
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Geniece
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Hori et al.	1982	1406694
Hori et al.	1982	1406694
Hori et al.	1982	1406694
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Hori et al.	1982	1406694
Hori et al.	1982	1406694
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Saito et al.	1982	1406695
Saito et al.	1982	1406695
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Saito et al.	1983	1407180
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Carter and Mercer	1983	1407352
Carter and Mercer	1983	1407352
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Oesterle and Deml	1984	1407494
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Nesković et al.	1984	1407759
Nesković et al.	1984	1407759
Nesković et al.	1984	1407759
Nesković et al.	1984	1407759
Nesković et al.	1984	1407759
Nesković et al.	1984	1407759
Nesković et al.	1984	1407759
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Yagi et al.	1985	1407989
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Mele et al.	1986	1408333
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Lubet et al.	1986	1408430
Lubet et al.	1986	1408430
Lubet et al.	1986	1408430
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Nagaoka et al.	1986	1408484
Nagaoka et al.	1986	1408484
Nagaoka et al.	1986	1408484
Nagaoka et al.	1986	1408484
Nagaoka et al.	1986	1408484

stomach & small intestine histopathology
liver histopathology (hepatocyte enlargement, infiltration with inflammatory cells, proliferation of epithelial cells of bile
serum antibody response to SRBC
spleen histopathology
IgG concentration
periorbital skin histopathology
edema of the eyelid
kidney histopathology
glutathione peroxidase
lipids; lipid peroxide
liver weight
vitamins E and A
initiation of preneoplastic, enzyme-altered islands in liver
liver weight
liver microsomal enzyme activity
liver weight
testes weight
serum testosterone
liver weight
spleen wt
kidney weight
initiation of preneoplastic, enzyme-altered islands in liver
liver weight, liver-to-body weight ratio
heart weight
adrenal weight
liver enzymes (NADPH-cytochrome c reductase activity and cytochrome P-450 content)
liver weight
serum alkaline phosphatase, SGOT, SGPT
spleen wt
lung weight
kidney weight
liver: prominent dark-brown pigmentation or pale yellow
liver weight
liver weight
operant conditioning (fixed-interval schedule of food reinforcement, reinforcement omission procedure)
operant conditioning (fixed-interval schedule of food reinforcement, reinforcement omission procedure)
operant conditioning (fixed-interval schedule of food reinforcement, reinforcement omission procedure)
induction of ETR and BZR activities
plaque forming cell response
lymphocyte proliferative response to mitogens
susceptibility to Listeria, PYB6 fibrosarcoma
adrenal weight
serum corticosterone
serum triglyceride and phospholipid
liver and serum cholesterol levels
liver total lipid, phospholipid, triglyceride
liver weight

Gastrointestinal Histopathology	Gastrointestinal
Liver Histopathology	Hepatobiliary
Antibody Responses	Immune System
Immune Organ Histopathology	Immune System
Immunoglobulin Levels - Nonspecific	Immune System
Ocular Histopathology	Ocular
Periorbital Edema	Ocular
Kidney Histopathology	Urinary System
Liver Enzyme Induction	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Micronutrients	Hepatobiliary
Liver Histopathology	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Reproductive Organ Size/Weight (M)	Reproductive
Sex Hormone Levels (M)	Reproductive
Liver Weight/Hepatomegaly	Hepatobiliary
Immune Organ Size/Weight	Immune System
Kidney Weight	Urinary System
Liver Histopathology	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Heart Size/Weight	Cardiovascular
Adrenal Weight	Endocrine
Liver Enzyme Induction	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Serum Biomarkers of Liver Health & Function	Hepatobiliary
Immune Organ Size/Weight	Immune System
Lung Weight	Respiratory
Kidney Weight	Urinary System
Liver Histopathology	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Cognitive function	Nervous System
Cognitive function	Nervous System
Cognitive function	Nervous System
Liver Enzyme Induction	Hepatobiliary
Antibody Responses	Immune System
Ex Vivo WBC Function	Immune System
Susceptibility to Infection	Immune System
Adrenal Weight	Endocrine
HPA Hormones	Endocrine
Blood Triglycerides	Hepatobiliary
Cholesterol	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary

Kanechlor 400
Kanechlor 400
Kanechlor 400
Kanechlor 400
Kanechlor 400
Kanechlor 400
Kanechlor 400
Kanechlor 400
PCBs
PCBs
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Clophen A50
Clophen A50
PCBs
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Aroclor 1254
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Clophen A50
Clophen A50
Aroclor 1242
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Aroclor 1242
Kanechlor 500
Kanechlor 500
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Aroclor 1248
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Aroclor 1248

	Cynomolgus monkey	Oral-cookie	Primary
	Cynomolgus monkey	Oral-cookie	Primary
	Cynomolgus monkey	Oral-cookie	Primary
	Cynomolgus monkey	Oral-cookie	Primary
	Cynomolgus monkey	Oral-cookie	Primary
	Cynomolgus monkey	Oral-cookie	Primary
	Cynomolgus monkey	Oral-cookie	Primary
	Cynomolgus monkey	Oral-cookie	Primary
	Rat	Oral-diet	
	Rat	Oral-diet	
	Rat	Oral-diet	
	Rat	Oral-diet	
	Rat	Oral-gavage	Primary
	Rat	Oral-gavage	Primary
	Rat	Oral-diet	
	Rat	Oral-diet	
	Rat	Injection-ip	Primary
	Rat	Injection-ip	Primary
	Rat	Oral-diet	Primary
	Rat	Oral-diet	Primary
	Rat	Oral-diet	Primary
	Rat	Oral-gavage	Primary
	Rat	Oral-gavage	Primary
	Rat	Oral-gavage	Primary
	Rat	Oral-gavage	Primary
	Rat	Oral-gavage	Primary
	Rat	Oral-gavage	Primary
	Rat	Oral-gavage	Primary
	Rat	Oral-gavage	Primary
	Rat	Oral-gavage	Primary
	Rat	Oral-gavage	Primary
	Mouse	Oral-gavage	Primary
	Mouse	Oral-diet	Primary
	Mouse	Oral-gavage	Primary
	Rhesus monkey	Oral-diet	Secondary
	Rhesus monkey	Oral-diet	Secondary
	Rhesus monkey	Oral-diet	Secondary
	Mouse	Injection-ip	Primary
	Mouse	Injection-ip	Primary
	Mouse	Injection-ip	Primary
	Mouse	Injection-ip	Primary
	Rat	Oral-diet	Primary
	Rat	Oral-diet	Primary
	Rat	Oral-diet	Primary
	Rat	Oral-diet	Primary
	Rat	Oral-diet	Primary
	Rat	Oral-diet	Primary

NR (2.5 kg female)			
NR (2.5 kg female)		140	
NR (2.5 kg female)		28	
NR (2.5 kg female)			
NR (2.5 kg female)		28	
NR (2.5 kg female)			
NR (2.5 kg female)			
NR (2.5 kg female)		140	
	31.5	49	
	31.5	28	
	90	30	
	42	10	
	42	10	
	42	49	
NR (200-270 g, female)		30	
NR (200-270 g, female)		30	
NR (200-270 g, female)		30	
NR (20g male)		9	
NR (20g male)		1	
NR (20g male)		9	
			no 1
			no 1
NR		1	
	56	1	
NR		1	
NR		1	
NR (90 g, males)		28	
NR (90 g, males)		28	
NR (90 g, males)		28	
NR (90 g, males)		28	

-1092	-589	N/A	N/A	122
-203	259	N/A	N/A	122

		0	1.7	1.7
		0	1.7	1.7
		0	1.7	1.7
		0	1.7	1.7
		0	14.29	14.29
		0	14.29	14.29
		0	2	2
		1	14.67	27.45
		1	14.67	27.45
		0	0.29	14.29
		0	75	75
		0	75	75
		0	75	75
		0	890	3550
		1	2500	2500
		0	890	3550
1385	2	0	0.09	0.09
1385	2	0	0.006	0.006
		0	125	1000
		0	125	750
		0	500	1000
		0	500	500
		0	28.41	28.41
		0	28.41	28.41
		0	28.41	28.41
		0	28.41	28.41

			N/A
N/A	1.7		
N/A	1.7		
			N/A
N/A	1.7		
			N/A
			N/A
N/A	1.7		
N/A	14.29		
N/A	14.29		
			N/A
N/A	2		
N/A	14.67		
N/A	27.45		
			N/A
N/A	0.29		
			N/A
			N/A
			N/A
N/A	75		
N/A	75		
N/A	75		
			N/A
			N/A
			N/A
N/A	890		
N/A	2500		
N/A	890		
			N/A
N/A	0.09	N/A	
N/A	0.006	N/A	
N/A	125		
125	250		
N/A	500		
N/A	500		
			N/A
			N/A
N/A	28.41		
N/A	28.41		
N/A	28.41		
N/A	28.41		

Age NR. Dose reported as 5 mg/monkey/day except Sunday for 20 weeks. p135, top of page; weight given as 2.5 kg; dose
Age NR. Dose reported as 5 mg/monkey/day except Sunday for 20 weeks. p135, top of page; weight given as 2.5 kg; dose
Age NR. Dose reported as 5 mg/monkey/day except Sunday for 20 weeks. p135, top of page; weight given as 2.5 kg; dose
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Age NR. Dose reported as 5 mg/monkey/day except Sunday for 20 weeks. p135, top of page; weight given as 2.5 kg; dose

Female rats dosed once weekly with 100 mg/kg A Clophen for 7 weeks. Convert to continuous dosing: 700/49 = 14.29 mg
Female rats dosed once weekly with 100 mg/kg A Clophen for 7 weeks. Assume effect significant after 4 weeks; convert t

Adult male rats were injected with 0 or 2 mg/kg-day ip for 30 days. No effect on relative testis weight (Table 1).
Adult male rats were injected with 0 or 2 mg/kg-day ip for 30 days. LOAEL is based on significantly decreased serum testo
Male rats (age 37d + 5d acclimation) dosed via diet with 0, 150, or 350 ppm PCBs for 10 days. Mg/kg/d dose was calculate
Male rats (age 37d + 5d acclimation) dosed via diet with 0, 150, or 350 ppm PCBs for 10 days. Mg/kg/d dose was calculate
Male rats (age 37d + 5d acclimation) dosed via diet with 0, 150, or 350 ppm PCBs for 10 days. Mg/kg/d dose was calculate
Female rats aged 3 or 6 weeks given A Clophen once weekly for 7 weeks at doses of 2, 10, 25, 50, or 100 mg/kg. No signif
Female rats aged 3 or 6 weeks given A Clophen once weekly for 7 weeks at doses of 2, 10, 25, 50, or 100 mg/kg. No effect
Male and female rats given 75 mg/kg A1242 by oral gavage for 30 days. No effect on heart weight (p336, Table 3).
Male and female rats given 75 mg/kg A1242 by oral gavage for 30 days. No effect on adrenal weight (p336, Table 3).
Male and female rats given 75 mg/kg A1242 by oral gavage for 30 days. Significant treatment effect (p337, Table 5).
Male and female rats given 75 mg/kg A1242 by oral gavage for 30 days. Significant effect on liver weight (p335, Table 3).
Male and female rats given 75 mg/kg A1242 by oral gavage for 30 days. Significant treatment effect on SGPT and SGOT (p
Male and female rats given 75 mg/kg A1242 by oral gavage for 30 days. No effect on spleen weight (p336, Table 3).
Male and female rats given 75 mg/kg A1242 by oral gavage for 30 days. No effect on lung weight (p336, Table 3).
Male and female rats given 75 mg/kg A1242 by oral gavage for 30 days. No effect on kidney weight (p336, Table 3).
Male mice (20g) were orally gavaged with 0.89, 1.28, 1.55, 1.78, 2.19, 2.68, 3.08, or 3.55 g/kg/d of Kanechlor 500 for 9 da
Male mice given 2500 ppm PCB in diet. Increase in liver weight after 1 day (p711-714, Fig 2).
Male mice (20g) were orally gavaged with 0.89, 1.28, 1.55, 1.78, 2.19, 2.68, 3.08, or 3.55 g/kg/d of Kanechlor 500 for 9 da
Rhesus monkey dams dosed for 86.4-89.4 wk (Table 1 in HERO #199846; assume 605 d). Dosing stopped after dam nurse
Rhesus monkey dams dosed for 71.9-89.4 wk (Table 2 in HERO #199846; assume 503 d; corresponding "weeks off PCB di
Rhesus monkey dams dosed for 66-83 wk (Table 3 in HERO #199846; assume 462 d). Lactation duration 4 mo (122 d). Dos
Mice (age NR) were given a single i.p. injection of Aroclor 1254 (125, 250, 500, or 1000 mg/kg). Although no statistically s
Mice 6-8 weeks old were given a single i.p. injection of Aroclor 1254 (125, 250, 500, or 750 mg/kg) 5 days prior to a SRBC
Mice (age NR) were given a single i.p. injection of Aroclor 1254 (500 or 1000 mg/kg). Lymphocyte proliferative response
Mice (age NR) were given a single i.p. injection of 500 mg/kg Aroclor 1254. Endpoints were assessed 6 days after dose ac
Male rats weighing 90g were given a diet containing 0.3g-Aroclor 1248/kg-feed for 28 days. The dose was converted to r
Male rats weighing 90g were given a diet containing 0.3g-Aroclor 1248/kg-feed for 28 days. The dose was converted to r
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168	0.9	0.199	0.054	1	154 COMPLETE
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168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
22	0.9	0.094	0.154	10	21 NONE
22	0.9	0.094	0.154	10	21 NONE
22	0.9	0.094	0.154	10	21 NONE
22	0.9	0.094	0.154	10	21 NONE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 NONE
22	0.9	0.094	0.154	10	21 NONE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
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22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE

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Oda et al.	1986	1408492
Oda et al.	1986	1408492
Oda et al.	1986	1408492
Oda et al.	1986	1408492
Gans	1986	1408543
Gans	1986	1408543
Lundkvist et al.	1987	1408695
Lundkvist et al.	1987	1408695
Lundkvist et al.	1987	1408695
Lundkvist et al.	1987	1408695
Lundkvist et al.	1987	1408695
Takagi et al.	1987	1408777
Takagi et al.	1987	1408777
Takagi et al.	1987	1408777
Takagi et al.	1987	1408777
Takagi et al.	1987	1408777
Takagi et al.	1987	1408777
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Takagi et al.	1987	1408777
Takagi et al.	1987	1408777
Takagi et al.	1987	1408777
Takagi et al.	1987	1408777
Linzey	1987	1408824
Linzey	1987	1408824
Oda et al.	1987	1408825
Oda et al.	1987	1408825
Oda et al.	1987	1408825
Oda et al.	1987	1408825
Oda et al.	1987	1408825
Oda et al.	1987	1408825
Oda et al.	1987	1408825
Oda et al.	1987	1408825
Oda et al.	1987	1408825
Oda et al.	1987	1408825
Oda et al.	1987	1408825
Willett et al.	1987	1408826
Willett et al.	1987	1408826
Willett et al.	1987	1408826
Willett et al.	1987	1408826
Willett et al.	1987	1408826
Willett et al.	1987	1408826
Willett et al.	1987	1408826
Willett et al.	1987	1408826

serum and liver cholesterol
liver lipids (total and phospholipids), triglycerides
liver weight
liver ascorbic acid
liver histopathology (scarred livers, centrilobular hepatocyte hypertrophy, adenofibrosis)
liver weight (absolute and relative)
litter size, pup mortality
fetal crown-rump length, weight of full-term fetuses
gestation length
litter size
urinary estrone sulfate and 11-ketotestosterone
body weights (F1)
body weights (F1)
body weights (F1)
spleen cellularity (F1)
spleen cellularity (F1)
spleen cellularity (F1)
spleen weight (F1)
spleen weight (F1)
spleen weight (F1)
Anti-DNP-IgM response
Anti-DNP-IgM response
Anti-DNP-IgM response
Anti-DNP-IgG Response
Anti-DNP-IgG Response
Anti-DNP-IgG Response
litter size, offspring mortality (F1)
birth interval (F0)
adrenal weight
serum triglycerides and phospholipid
liver and serum cholesterol
liver microsomes (cytochrome P-450, cytochrome b5, and protein)
liver histopathology
liver lipids (total lipids, triglycerides)
liver weight
liver ascorbic acid and vitamin A
spleen weight
epididymal adipose tissue weight
kidney weight
irregular heart rate
examination of hair/coat
dermatitis
birth weight
blood triglycerides
cholesterol
glutamic-oxaloacetic transaminase, gamma-glutamyl transpeptidase, alkaline phosphatase, lactate dehydrogenase, gluta
susceptibility to infection

Cholesterol	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Micronutrients	Hepatobiliary
Liver Histopathology	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Offspring Mortality	Developmental
Weight and Size (Early Life)	Developmental
Gestation Duration/Preterm Birth	Reproductive
Pregnancy/Conception Rate	Reproductive
Sex Hormone Levels (F)	Reproductive
Weight and Size (Early Life)	Developmental
Weight and Size (Early Life)	Developmental
Weight and Size (Early Life)	Developmental
Immune Organ Histopathology	Immune System
Immune Organ Histopathology	Immune System
Immune Organ Histopathology	Immune System
Immune Organ Size/Weight	Immune System
Immune Organ Size/Weight	Immune System
Immune Organ Size/Weight	Immune System
Antibody Responses	Immune System
Antibody Responses	Immune System
Antibody Responses	Immune System
Ex Vivo WBC Function	Immune System
Ex Vivo WBC Function	Immune System
Ex Vivo WBC Function	Immune System
Offspring mortality	Developmental
Time-to-Pregnancy & Couple/Pair Fertility	Reproductive
Adrenal Weight	Endocrine
Blood Triglycerides	Hepatobiliary
Cholesterol	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Liver Histopathology	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Micronutrients	Hepatobiliary
Immune Organ Size/Weight	Immune System
Adipose Tissue Size/Weight	Metabolic
Kidney Weight	Urinary System
Heart Rate	Cardiovascular
Alopecia	Dermal
Dermal Irritation	Dermal
Weight and Size (Early Life)	Developmental
Blood Triglycerides	Hepatobiliary
Cholesterol	Hepatobiliary
Serum Biomarkers of Liver Health & Function	Hepatobiliary
Susceptibility to Infection	Immune System

Aroclor 1248
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Clophen A50
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Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Mouse	Injection-ip	Primary
Mouse	Injection-ip	Primary
Guinea pig	Oral-gavage	
Guinea pig	Oral-gavage	
Guinea pig	Oral-gavage	
Guinea pig	Oral-gavage	
Guinea pig	Oral-gavage	
Mouse	Oral-gavage	Secondary
Mouse	Oral-gavage	Secondary
Mouse	Oral-gavage	Secondary
Mouse	Oral-gavage	Secondary
Mouse	Oral-gavage	Secondary
Mouse	Oral-gavage	Secondary
Mouse	Oral-gavage	Secondary
Mouse	Oral-gavage	Secondary
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Mouse	Oral-gavage	Secondary
Mouse	Oral-gavage	Secondary
Mouse	Oral-gavage	Secondary
Mouse	Oral-gavage	Secondary
Mouse	Oral-gavage	Secondary
Mouse	Oral-gavage	Secondary
Mouse	Oral-diet	Secondary
Mouse	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Cow	Oral-capsule	
Cow	Oral-capsule	
Cow	Oral-capsule	
Cow	Oral-capsule	
Cow	Oral-capsule	
Cow	Oral-capsule	
Cow	Oral-capsule	
Cow	Oral-capsule	

NR (90 g, males)		21		
NR (90 g, males)		21		
NR (90 g, males)		21		
NR (90 g, males)		21		
	95	56		
	95	56		
			no	6
			no	6
			no	6
			no	4
	84	274		
	54	236		
	54	47		
	54	236		
	54	236		
	54	236		
	54	236		
	54	236		

-49	-28	N/A	N/A	21
-49	-28	N/A	N/A	21
-49	-28	N/A	N/A	21
0	18	N/A	N/A	0

		1	300	300
		1	300	300
		1	300	300
		1	300	300
		0	7.1	7.1
		0	7.1	7.1
46	2	0	14.29	14.29
46	4	0	14.29	14.29
46	2	0	14.29	14.29
18	3	1	10	10
		1	10	10
		1	100	100
		1	100	100
		1	100	100
		1	100	100
		1	100	100
		1	100	100
		1	100	100

N/A	300		
N/A	300		
N/A	300		
N/A	300		
N/A	7.1		
N/A	7.1		
			N/A
			N/A
			N/A
			N/A
			N/A
			N/A
			N/A
			N/A
			N/A
			N/A
			N/A
			N/A
N/A	14.29	N/A	
N/A	14.29	N/A	
N/A	14.29	N/A	
N/A	10	N/A	
N/A	10		
			N/A
N/A	100		
N/A	100		
N/A	100		
N/A	100		
N/A	100		
N/A	100		
N/A	100		
			N/A
			N/A
			N/A

Male rats weighing 90g were dosed for 21 days with 300 ppm PCBs added to different diets; ingestion unknown. Treatme
Male rats weighing 90g were dosed for 21 days with 300 ppm PCBs added to different diets; ingestion unknown. When P
Male rats weighing 90g were dosed for 21 days with 300 ppm PCBs added to different diets; ingestion unknown. For basa
Male rats weighing 90g were dosed for 21 days with 300 ppm PCBs added to different diets; ingestion unknown. Liver as
25g male mice were given ip injections of 100ugPCB/g-bw every other week for either 8 weeks or 16 weeks for a total of
25g male mice were given ip injections of 100ugPCB/g-bw every other week for either 8 weeks or 16 weeks for a total of

Female mice were orally gavaged with 50 mg/kg-bw of Kanechlor 500 twice a week for 3 weeks. The daily dose was calc
Female mice were orally gavaged with 50 mg/kg-bw of Kanechlor 500 twice a week for 3 weeks. The daily dose was calc
Female mice were orally gavaged with 50 mg/kg-bw of Kanechlor 500 twice a week for 3 weeks. The daily dose was calc
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Female mice were orally gavaged with 50 mg/kg-bw of Kanechlor 500 twice a week for 3 weeks. The daily dose was calc
Female mice were orally gavaged with 50 mg/kg-bw of Kanechlor 500 twice a week for 3 weeks. The daily dose was calc
Continuous dosing for 9-15 months beginning at 12 weeks of age (mice); timing of pregnancies within this period is uncle
Mouse breeding pairs (12 weeks old) were exposed to 10 ppm in diet; duration of exposure ranged from 9-15 months for
54d old rats (7w of age + 4-6d acclimation) were fed a diet contain 100 mg Aroclor 1248 added per kilogram of basal diet
54d old rats (7w of age + 4-6d acclimation) were fed a diet contain 100 mg Aroclor 1248 added per kilogram of basal diet
54d old rats (7w of age + 4-6d acclimation) were fed a diet contain 100 mg Aroclor 1248 added per kilogram of basal diet
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54d old rats (7w of age + 4-6d acclimation) were fed a diet contain 100 mg Aroclor 1248 added per kilogram of basal diet
54d old rats (7w of age + 4-6d acclimation) were fed a diet contain 100 mg Aroclor 1248 added per kilogram of basal diet
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54d old rats (7w of age + 4-6d acclimation) were fed a diet contain 100 mg Aroclor 1248 added per kilogram of basal diet
54d old rats (7w of age + 4-6d acclimation) were fed a diet contain 100 mg Aroclor 1248 added per kilogram of basal diet
54d old rats (7w of age + 4-6d acclimation) were fed a diet contain 100 mg Aroclor 1248 added per kilogram of basal diet

22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
18	0.9	0.229	0.264	6	21	COMPLETE
18	0.9	0.229	0.264	6	21	COMPLETE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
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CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
18	0.9	0.229	0.264	6	21	COMPLETE
18	0.9	0.229	0.264	6	21	COMPLETE
18	0.9	0.229	0.264	6	21	COMPLETE
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22	0.9	0.094	0.154	10	21	COMPLETE
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22	0.9	0.094	0.154	10	21	COMPLETE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
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CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE

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Willett et al.	1987	1408826
Willett et al.	1987	1408826
Willett et al.	1987	1408826
Willett et al.	1987	1408826
Willett et al.	1987	1408826
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Willett et al.	1987	1408826
Willett et al.	1987	1408826
Poul	1987	1408870
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Poul	1987	1408870
Johansson	1987	1408912
Johansson	1987	1408912
Linzey	1988	1409002
Linzey	1988	1409002
Linzey	1988	1409002
Linzey	1988	1409002
Linzey	1988	1409002
Linzey	1988	1409002
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Lundkvist and Kindahl	1989	1409664
Lundkvist and Kindahl	1989	1409664
Lundkvist and Kindahl	1989	1409664
Lundkvist and Kindahl	1989	1409664
Lundkvist and Kindahl	1989	1409664
Lundkvist and Kindahl	1989	1409664
Rao	1990	1409898
Rao	1990	1409898
Rao	1990	1409909
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Nagaoka et al.	1990	1410073
Nagaoka et al.	1990	1410073

body temperature
ocular discharge
brightness of the eyes, tearing
estrous cyclicity
gestation length
pregnancy rate
ovarian histopathology
respiratory rate
blood urea nitrogen
components of urine were specific gravity, pH, glucose, protein, ketones, blood, epithelial cells, erythrocytes, leukocytes,
blood triacyglycerol (P0)
blood triacyglycerol (F1)
total cholesterol in liver and blood (P0)
total cholesterol in liver and blood (F1)
microsomal proteins, cytochrome P450, aminopyrine demethylase, aniline hydroxylase, UDPG transferase (P0)
microsomal proteins, cytochrome P450, aminopyrine demethylase (F1)
cytochrome P450, aminopyrine demethylase (F1)
cytochrome P450, aminopyrine demethylase (F1)
liver triacyglycerol and phospholipids (P0)
liver triacyglycerol and phospholipids (F1)
liver weight (P0)
liver weight (F1)
liver weight (F1)
relative testis weight
plasma testosterone
litter size, litter number, offspring mortality (F2)
offspring weight, weight gain, growth rate patterns (F1)
number of young/litter, number of litters/breeding female, pregnancy rate (F1)
uterine and ovarian weights (F1)
testis and male accessory gland weights (F1)
birth interval (F1)
T cell subpopulations in thymus and spleen
litter size, gestational ages of dead fetuses
placenta histopathology
placenta weight
sex ratio
fetal length, fetal weight on Day 66 of gestation, crown-rump length measurements
litter size
urinary estrone sulfate, estradiol, progesterone, and PGF-2a
thyroid histopathology (hyperplasia, follicular degeneration, lymphocyte infiltration, fibrosis of interfollicular connective
kidney histopathology (glomerulonephritis, increased cellularity of glomeruli, shrunken glomeruli, degenerative changes
liver histopathology (centrilobular hypertrophy, hepatocellular damage, hyperplasia, karyolysis, and karyorrhexis)
serum triglyceride and phospholipid
total and free cholesterol in serum
liver weight
serum triacylglycerol and phospholipids
bile flow, biliary output of bile acids

Body Temperature/Metabolic Rate	Metabolic
Ocular Discharge	Ocular
Ocular Irritation	Ocular
Estrous/Menstrual Cycle	Reproductive
Gestation Duration/Preterm Birth	Reproductive
Pregnancy/Conception Rate	Reproductive
Reproductive Organ Histopathology (F)	Reproductive
Respiratory Rate	Respiratory
Serum Biomarkers of Renal Function	Urinary System
Urinalysis	Urinary System
Blood Triglycerides	Hepatobiliary
Blood Triglycerides	Hepatobiliary
Cholesterol	Hepatobiliary
Cholesterol	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Reproductive Organ Size/Weight (M)	Reproductive
Sex Hormone Levels (M)	Reproductive
Offspring mortality	Developmental
Weight and size (early life)	Developmental
Pregnancy/conception rate	Reproductive
Reproductive Organ Size/Weight (F)	Reproductive
Reproductive Organ Size/Weight (M)	Reproductive
Time-to-Pregnancy & Couple/Pair Fertility	Reproductive
Immune Organ Histopathology	Immune System
Offspring Mortality	Developmental
Placental Histopathology	Developmental
Placental Weight	Developmental
Sex Ratio	Reproductive
Weight and Size (Early Life)	Developmental
Pregnancy/Conception Rate	Reproductive
Sex Hormone Levels (F)	Reproductive
Thyroid Histopathology	Endocrine
Kidney Histopathology	Urinary System
Liver Histopathology	Hepatobiliary
Blood Triglycerides	Hepatobiliary
Cholesterol	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Blood Triglycerides	Hepatobiliary
Bile Acid Content/Excretion	Hepatobiliary

Aroclor 1254
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Clophen A50
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Kanechlor 500
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Cow	Oral-capsule	
Cow	Oral-capsule	
Cow	Oral-capsule	
Cow	Oral-capsule	
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Cow	Oral-capsule	
Cow	Oral-capsule	
Cow	Oral-capsule	
Cow	Oral-capsule	
Cow	Oral-capsule	
Rat	Oral-diet	Primary
Rat	Oral-diet	Secondary
Rat	Oral-diet	Primary
Rat	Oral-diet	Secondary
Rat	Oral-diet	Primary
Rat	Oral-diet	Secondary
Rat	Oral-diet	Primary
Rat	Oral-diet	Secondary
Rat	Oral-diet	Primary
Rat	Oral-diet	Secondary
Rat	Oral-diet	Primary
Rat	Oral-diet	Secondary
Rat	Oral-diet	Secondary
Mouse	Oral-gavage	Primary
Mouse	Oral-gavage	Primary
Mouse	Oral-diet	Secondary
Mouse	Oral-diet	Secondary
Mouse	Oral-diet	Secondary
Mouse	Oral-diet	Secondary
Mouse	Oral-diet	Secondary
Mouse	Oral-diet	Secondary
Mouse	Oral-gavage	Secondary
Guinea pig	Oral-gavage	
Guinea pig	Oral-gavage	
Guinea pig	Oral-gavage	
Guinea pig	Oral-gavage	
Guinea pig	Oral-gavage	
Guinea pig	Oral-gavage	
Guinea pig	Oral-gavage	
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary

NR (male 320-250 g; female 220-260 g)	8		
		no	8
NR (male 320-250 g; female 220-260 g)	8		
		no	8
NR (male 320-250 g; female 220-260 g)	8		
		no	8
NR (adult)	8		
		no	8
NR (male 320-250 g; female 220-260 g)	8		
		no	
NR (male 320-250 g; female 220-260 g)	8		
		yes	4
		no	4
		no	4
		no	3.6
		no	3.6
		no	4
		no	6

	35	120
	35	120
	35	120
NR (260g, males)		91
NR (260g, males)		91
NR (260g, males)		91
NR (90g male)		14
NR (90g male)		14

2	43	N/A	N/A	21
2	43	N/A	N/A	21
2	43	N/A	N/A	21
2	43	N/A	N/A	21
-102	46	N/A	N/A	28
0	46	N/A	N/A	28
0	46	47	345	28
0	46	47	74	28
0	46	47	74	28
0	46	47	345	28
-49	-28	N/A	N/A	21

		1	250	250
132	2	1	50	50
		1	250	250
132	2	1	50	50
		1	250	250
132	2	1	50	50
		1	50	50
132	2	1	50	50
		1	250	250
		1	250	250
46	2	1	10	10
46	2	1	10	10
121	5	1	10	10
93	5	1	10	10
93	5	1	10	10
121	5	1	10	10
46	2	0	14.29	14.29
		1	50	100
		1	50	100
		1	50	100
		1	300	300
		1	300	300
		1	300	300
		1	300	300
		1	300	300

N/A	250			
N/A	50	N/A		
N/A	250			
N/A	50	N/A		
N/A	250			
N/A	50	N/A		
N/A	50			
N/A	50	N/A		
N/A	250			
				N/A
N/A	250			
				N/A
				N/A
				N/A
				N/A
N/A	10	N/A		
N/A	10	N/A		
N/A	10		10	
N/A	10		10	
N/A	10		10	
N/A	10		10	
N/A	14.29	N/A		
N/A	50			
N/A	50			
N/A	50			
N/A	300			
N/A	300			
N/A	300			
N/A	300			
N/A	300			

Male (320-350g) and female (220-260g) rats were dosed with 250ppm of Phenoclor DP5 via the diet for 8 days. Blood tri
Female rats were mated with untreated males and dosed from GD2 to PND21 with 50ppm Phenochlor DP5 in the diet. C
Male (320-350g) and female (220-260g) were dosed with 250ppm of Phenoclor DP5 via the diet for 8 days. Cholesterol v
Female rats were mated with untreated males and dosed from GD2 to PND21 with 50ppm Phenochlor DP5 in the diet. C
Male (320-350g) and female (220-260g) were dosed with 250ppm of Phenoclor DP5 via the diet for 8 days. Microsomal p
Female rats were mated with untreated males and dosed from GD2 to PND21 with 50ppm Phenochlor DP5 in the diet. C
Female rats were mated with untreated males and dosed from GD2 to PND21 with 50ppm Phenochlor DP5 in the diet. C
Female rats were mated with untreated males and dosed from GD2 to PND21 with 50ppm Phenochlor DP5 in the diet. C
Male (320-350g) and female (220-260g) were dosed with 250ppm of Phenoclor DP5 via the diet for 8 days.
Female rats were mated with untreated males and dosed from GD2 to PND21 with 50ppm Phenochlor DP5 in the diet. C
Male (320-350g) and female (220-260g) were dosed with 250ppm of Phenoclor DP5 via the diet for 8 days. Liver weight
Female rats were mated with untreated males and dosed from GD2 to PND21 with 50ppm Phenochlor DP5 in the diet. C
Female rats were mated with untreated males and dosed from GD2 to PND21 with 50ppm Phenochlor DP5 in the diet. C
35d old mice were dosed with 0, 8, 40, 80, 120, 160 mg/kg-day Clophen A50 every 2-3 days via oral gavage. It isn't clear l
35d old mice were dosed with 0, 8, 40, 80, 120, 160 mg/kg-day Clophen A50 every 2-3 days via oral gavage. It isn't clear l
Continuous dosing of the F0 generation beginning at 12 weeks of age (mice); timing of F1 pregnancies relative to exposur
Continuous dosing for 9-15 months beginning at 12 weeks of age (mice); timing of pregnancies within this period is uncle
The F0 generation was dosed continuously for 18 months; these were wild-caught mice of unknown age; timing of pregna
Continuous dosing for 9-15 months beginning at 12 weeks of age (mice); timing of pregnancies within this period is uncle
Continuous dosing for 9-15 months beginning at 12 weeks of age (mice); timing of pregnancies within this period is uncle
The F0 generation was dosed continuously for 18 months; these were wild-caught mice of unknown age; timing of pregna
Female mice were orally gavaged with 50 mg/kg of Kanechlor 500 twice a week for 3 weeks (average daily dose calculate

35d old male Wistar rats were dosed via the diet with 50 or 100ppm Aroclor 1260 for 120 days. Thyroid histopathology w
35d old male Wistar rats were dosed via the diet with 50 or 100ppm Aroclor 1260 for 120 days. Kidney histopathology wa
Male rats fed 50 or 100 ppm A1260 for 120 days. Liver path in both groups (p149).
Male rats fed 300 ppm A1248 in diet for 3 months. Significant difference in serum phospholipid (p119, Table 1).
Male rats fed 300 ppm A1248 in diet for 3 months. Significant difference in free and total cholesterol (p119, Table 1).
Male rats fed 300 ppm A1248 in diet for 3 months. Treatment increased liver size (p118-119).
Male Wistar rats weighing 90g were acquired and allowed to acclimate for 5 days before being started on a diet containi
Male Wistar rats weighing 90g were acquired and allowed to acclimate for 5 days before being started on a diet containi

CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
18	0.9	0.229	0.264	6	21	COMPLETE
18	0.9	0.229	0.264	6	21	COMPLETE
18	0.9	0.229	0.264	6	21	COMPLETE
18	0.9	0.229	0.264	6	21	COMPLETE
18	0.9	0.229	0.264	6	21	COMPLETE
18	0.9	0.229	0.264	6	21	COMPLETE
18	0.9	0.229	0.264	6	21	COMPLETE
18	0.9	0.229	0.264	6	21	COMPLETE
18	0.9	0.229	0.264	6	21	COMPLETE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE

Katie
Katie
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Katie
Katie
Geniece
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Geniece
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Katie
Katie
Chelsea
Chelsea
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Chelsea
Chelsea
Chelsea

Nagaoka et al.	1990	1410073
Nagaoka et al.	1990	1410073
Nagaoka et al.	1990	1410073
Steinberg et al.	2008	1410076
Steinberg et al.	2008	1410076
Steinberg et al.	2008	1410076
Steinberg et al.	2008	1410076
Steinberg et al.	2008	1410076
Steinberg et al.	2008	1410076
Steinberg et al.	2008	1410076
Steinberg et al.	2008	1410076
Steinberg et al.	2008	1410076
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Steinberg et al.	2008	1410076
Steinberg et al.	2008	1410076
Steinberg et al.	2008	1410076
Steinberg et al.	2008	1410076
Steinberg et al.	2008	1410076
Steinberg et al.	2008	1410076
Steinberg et al.	2008	1410076
Steinberg et al.	2008	1410076
Steinberg et al.	2008	1410076
Steinberg et al.	2008	1410076
Jenke et al.	1991	1410489
Jenke et al.	1991	1410489
Poul	1991	1410599
Poul	1991	1410599
Poul	1991	1410599
Poul	1991	1410599
Poul	1991	1410599
Poul	1991	1410599
Poul	1991	1410599
Poul	1991	1410599
Poul	1991	1410599
Poul	1991	1410599
Poul	1992	1410770
Poul	1992	1410770
Poul	1992	1410770
Poul	1992	1410770
Poul	1992	1410770
Poul	1992	1410770
Poul	1992	1410770
Poul	1992	1410770
Poul	1992	1410770
Poul	1992	1410770
Poul	1992	1410770
Sugawara et al.	2008	1410853
Sugawara et al.	2008	1410853

serum total cholesterol, HDL-cholesterol, LDL + VLDL-cholesterol and liver cholesterol
liver total lipids, triacylglycerol, phospholipids
liver weight
anogenital distance (F1)
anogenital distance (F2)
eye opening (F1)
eye opening (F2)
litter size (F1)
litter size (F2)
sex ratio (F1)
sex ratio (F2)
body weight (F1)
body weight (F2)
estrous cyclicity (F1)
estrous cyclicity (F2)
litter size (F2)
pubertal timing (F1)
pubertal timing (F2)
ovarian weights, uterine weights (F1)
ovarian weights, uterine weights (F2)
progesterone, estradiol, LH (F1)
progesterone, estradiol, LH (F2)
DNA synthesis in the liver, hepatocellular lesions, hypertrophic hepatocytes
relative liver weight
offspring viability
growth of offspring before weaning and until postnatal day 100
blood triacylglycerol (P0)
blood triacylglycerol (F1)
blood and hepatic cholesterol (P0)
blood and hepatic cholesterol (F1)
liver lipids (P0)
liver lipids (F1)
liver weight (P0)
liver weight (F1)
rate of mortality of newborns before weaning
blood: triacyglycerol (L)
blood: triacyglycerol (GL)
blood and liver cholesterol (L)
blood and liver cholesterol (GL)
aminopyrine-demethylase, aniline-hydroxylase, UDP-glucuronyl-transferase, benzo(a)pyrene-hydroxylase, aldrin-epoxid
aminopyrine-demethylase, aniline-hydroxylase, UDP-glucuronyl-transferase, benzo(a)pyrene-hydroxylase, aldrin-epoxid
liver triacylglycerol and phospholipid (L)
liver triacylglycerol and phospholipid (GL)
liver weight (L)
liver weight (GL)
pinna detachment, hair growth, eye opening
number of implantation sites, surviving male offspring, litter size

Cholesterol	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Anogenital Distance	Reproductive
Anogenital Distance	Reproductive
Developmental Milestones	Developmental
Developmental Milestones	Developmental
Offspring Mortality	Developmental
Offspring Mortality	Developmental
Sex Ratio	Reproductive
Sex Ratio	Reproductive
Weight and Size (Early Life)	Developmental
Weight and Size (Early Life)	Developmental
Estrous/Menstrual Cycle	Reproductive
Estrous/Menstrual Cycle	Reproductive
Pregnancy/conception rate	Reproductive
Pubertal Development (F)	Reproductive
Pubertal Development (F)	Reproductive
Reproductive Organ Size/Weight (F)	Reproductive
Reproductive Organ Size/Weight (F)	Reproductive
Sex Hormone Levels (F)	Reproductive
Sex Hormone Levels (F)	Reproductive
Liver Histopathology	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Offspring Mortality	Developmental
Weight and Size (Early Life)	Developmental
Blood Triglycerides	Hepatobiliary
Blood Triglycerides	Hepatobiliary
Cholesterol	Hepatobiliary
Cholesterol	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Offspring Mortality	Developmental
Blood Triglycerides	Hepatobiliary
Blood Triglycerides	Hepatobiliary
Cholesterol	Hepatobiliary
Cholesterol	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Developmental milestones	Developmental
Offspring mortality	Developmental

Aroclor 1248
Aroclor 1248
Aroclor 1248
Aroclor 1221
Aroclor 1221
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Aroclor 1221
Aroclor 1221
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Aroclor 1221
Aroclor 1221
Clophen A50
Clophen A50
Phenochlor DP5
Phenochlor DP5
Phenochlor DP5
Phenochlor DP5
Phenochlor DP5
Phenochlor DP5
Phenochlor DP5
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Phenochlor DP5
Phenochlor DP5
Phenochlor DP5
Phenochlor DP5
Phenochlor DP5
Phenochlor DP5
Phenochlor DP5
Aroclor 1254
Aroclor 1254

Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Injection-ip	Secondary
Rat	Injection-ip	Secondary
Rat	Injection-ip	Secondary
Rat	Injection-ip	Secondary
Rat	Injection-ip	Secondary
Rat	Injection-ip	Secondary
Rat	Injection-ip	Secondary
Rat	Injection-ip	Secondary
Rat	Injection-ip	Secondary
Rat	Injection-ip	Secondary
Rat	Injection-ip	Secondary
Rat	Injection-ip	Secondary
Rat	Injection-ip	Secondary
Rat	Injection-ip	Secondary
Rat	Injection-ip	Secondary
Rat	Injection-ip	Secondary
Rat	Injection-ip	Secondary
Rat	Injection-ip	Secondary
Rat	Injection-ip	Secondary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-gavage	Secondary
Rat	Oral-gavage	Secondary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Secondary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Secondary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Secondary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Secondary
Rat	Oral-gavage	Secondary
Rat	Oral-gavage	Secondary
Rat	Oral-gavage	Secondary
Rat	Oral-gavage	Secondary
Rat	Oral-gavage	Secondary
Rat	Oral-gavage	Secondary
Rat	Oral-gavage	Secondary
Rat	Oral-gavage	Secondary
Rat	Oral-gavage	Secondary
Rat	Oral-gavage	Secondary
Rat	Oral-gavage	Secondary
Rat	Oral-gavage	Secondary
Mouse	Oral-gavage	Secondary
Mouse	Oral-gavage	Secondary

NR (90g male)	14		
NR (90g male)	14		
NR (90g male)	14		
		no	12
		yes	13.5
		yes	12.5
		no	12
		yes	12.5
21	42		
21	42		
		no	10
105	19		
		no	10
105	19		
		no	10
105	19		
		no	10
		no	10
		no	10
		no	10
		no	10
		no	7.18

16	18	N/A	N/A	21
-56	-54	N/A	N/A	1
-56	-54	N/A	N/A	21
16	18	N/A	N/A	21
-56	-54	N/A	N/A	21
24	42	N/A	N/A	21
24	42	N/A	N/A	21
24	42	N/A	N/A	21
24	42	N/A	N/A	21
14	42	N/A	N/A	20
14	42	N/A	N/A	21
24	42	N/A	N/A	21
14	42	N/A	N/A	21
5	30	N/A	N/A	12

		1	300	300
		1	300	300
		1	300	300
56	2	0	0.067	6.67
23	2	0	0.067	6.67
64	2	0	0.067	6.67
72	2	0	0.067	6.67
64	2	0	0.067	6.67
		1	500	500
		1	500	500
43	4	0	26.32	26.32
		0	26.32	26.32
43	4	0	26.32	26.32
		0	26.32	26.32
43	4	0	26.32	26.32
		0	26.32	26.32
43	4	0	26.32	26.32
42	2	0	24.14	24.14
322	2	0	26.32	26.32
202	2	0	24.14	24.14
322	2	0	26.32	26.32
30	2	0	6.55	6.55

N/A		300		
N/A		300		
N/A		300		
				N/A
				N/A
				N/A
				N/A
				N/A
				N/A
				N/A
				N/A
	0.067	0.667	N/A	
	0.067	0.667	N/A	
				N/A
				N/A
				N/A
				N/A
				N/A
				N/A
N/A		0.067	N/A	
	0.067	0.667	N/A	
N/A		0.067	N/A	
N/A		500		
N/A		500		
				N/A
				N/A
				N/A
N/A		26.32	N/A	
N/A		26.32		
N/A		26.32	N/A	
N/A		26.32		
N/A		26.32	N/A	
N/A		26.32		
N/A		26.32	N/A	
N/A		26.92	N/A	
				N/A
N/A		26.32	N/A	
				N/A
				N/A
N/A		24.14	N/A	
N/A		26.32	N/A	
				N/A
				N/A
				N/A
				N/A
N/A		6.55	N/A	
				N/A

Male Wistar rats weighing 90g were acquired and allowed to acclimate for 5 days before being started on a diet containi
Male Wistar rats weighing 90g were acquired and allowed to acclimate for 5 days before being started on a diet containi
Male Wistar rats weighing 90g were acquired and allowed to acclimate for 5 days before being started on a diet containi
Pregnant female rats were intraperitoneally injected with 0.1, 1, or 10 mg/kg of Aroclor 1221 on gestational days 16 and
Pregnant female rats were intraperitoneally injected with 0.1, 1, or 10 mg/kg of Aroclor 1221 on gestational days 16 and
Pregnant female rats were intraperitoneally injected with 0.1, 1, or 10 mg/kg of Aroclor 1221 on gestational days 16 and
Pregnant female rats were intraperitoneally injected with 0.1, 1, or 10 mg/kg of Aroclor 1221 on gestational days 16 and
Pregnant female rats were intraperitoneally injected with 0.1, 1, or 10 mg/kg of Aroclor 1221 on gestational days 16 and
Pregnant female rats were intraperitoneally injected with 0.1, 1, or 10 mg/kg of Aroclor 1221 on gestational days 16 and
Pregnant female rats were intraperitoneally injected with 0.1, 1, or 10 mg/kg of Aroclor 1221 on gestational days 16 and
Pregnant female rats were intraperitoneally injected with 0.1, 1, or 10 mg/kg of Aroclor 1221 on gestational days 16 and
Pregnant female rats were intraperitoneally injected with 0.1, 1, or 10 mg/kg of Aroclor 1221 on gestational days 16 and
Pregnant female rats were intraperitoneally injected with 0.1, 1, or 10 mg/kg of Aroclor 1221 on gestational days 16 and
Pregnant female rats were intraperitoneally injected with 0.1, 1, or 10 mg/kg of Aroclor 1221 on gestational days 16 and
Pregnant female rats were intraperitoneally injected with 0.1, 1, or 10 mg/kg of Aroclor 1221 on gestational days 16 and
Pregnant female rats were intraperitoneally injected with 0.1, 1, or 10 mg/kg of Aroclor 1221 on gestational days 16 and
Pregnant female rats were intraperitoneally injected with 0.1, 1, or 10 mg/kg of Aroclor 1221 on gestational days 16 and
Pregnant female rats were intraperitoneally injected with 0.1, 1, or 10 mg/kg of Aroclor 1221 on gestational days 16 and
Pregnant female rats were intraperitoneally injected with 0.1, 1, or 10 mg/kg of Aroclor 1221 on gestational days 16 and
Pregnant female rats were intraperitoneally injected with 0.1, 1, or 10 mg/kg of Aroclor 1221 on gestational days 16 and
Pregnant female rats were intraperitoneally injected with 0.1, 1, or 10 mg/kg of Aroclor 1221 on gestational days 16 and
PCB administered at 0.05% in diet to animals in 2 experiments (I) Starting all animals at 21 d of age, diets fed for increasi
PCB administered at 0.05% in diet to animals in 2 experiments (I) Starting all animals at 21 d of age, diets fed for increasi
Dams dosed with 50 mg/kg bw DP5 on PND 2, 4, 6, 8, 10, 12, 14, 16, 18, 20. 500/19 = 26.32 mg/kg/day. No effect on offsp
Dams dosed with 50 mg/kg bw DP5 on PND 2, 4, 6, 8, 10, 12, 14, 16, 18, 20. 500/19 = 26.32 mg/kg/day. No effect on grow
Dams dosed with 50 mg/kg bw DP5 on PND 2, 4, 6, 8, 10, 12, 14, 16, 18, 20. 500/19 = 26.32 mg/kg/day. Difference not sig
Dams dosed with 50 mg/kg bw DP5 on PND 2, 4, 6, 8, 10, 12, 14, 16, 18, 20. 500/19 = 26.32 mg/kg/day. "In offspring (Figu
Dams dosed with 50 mg/kg bw DP5 on PND 2, 4, 6, 8, 10, 12, 14, 16, 18, 20. 500/19 = 26.32 mg/kg/day. "In dams, a weak
Dams dosed with 50 mg/kg bw DP5 on PND 2, 4, 6, 8, 10, 12, 14, 16, 18, 20. 500/19 = 26.32 mg/kg/day. "Blood cholestero
Dams dosed with 50 mg/kg bw DP5 on PND 2, 4, 6, 8, 10, 12, 14, 16, 18, 20. 500/19 = 26.32 mg/kg/day. "increase of hepa
Dams dosed with 50 mg/kg bw DP5 on PND 2, 4, 6, 8, 10, 12, 14, 16, 18, 20. 500/19 = 26.32 mg/kg/day. "Changes in liver
Dams dosed with 50 mg/kg bw DP5 on PND 2, 4, 6, 8, 10, 12, 14, 16, 18, 20. 500/19 = 26.32 mg/kg/day. Significant effect
Dams dosed with 50 mg/kg bw DP5 on PND 2, 4, 6, 8, 10, 12, 14, 16, 18, 20. 500/19 = 26.32 mg/kg/day. Significant change
Dams dosed either every 2 days from PND2 to PND20 (assessed on PND180 or 300), or from GD14 to GD20 and PND2 to
Dams dosed either every 2 days from PND2 to PND20 (assessed on PND180 or 300), or from GD14 to GD20 and PND2 to
Dams dosed either every 2 days from PND2 to PND20 (assessed on PND180 or 300), or from GD14 to GD20 and PND2 to
Dams dosed either every 2 days from PND2 to PND20 (assessed on PND180 or 300), or from GD14 to GD20 and PND2 to
Dams dosed either every 2 days from PND2 to PND20 (assessed on PND180 or 300), or from GD14 to GD20 and PND2 to
Dams dosed either every 2 days from PND2 to PND20 (assessed on PND180 or 300), or from GD14 to GD20 and PND2 to
Dams dosed either every 2 days from PND2 to PND20 (assessed on PND180 or 300), or from GD14 to GD20 and PND2 to
Dams dosed either every 2 days from PND2 to PND20 (assessed on PND180 or 300), or from GD14 to GD20 and PND2 to
Dams dosed either every 2 days from PND2 to PND20 (assessed on PND180 or 300), or from GD14 to GD20 and PND2 to
Dams dosed either every 2 days from PND2 to PND20 (assessed on PND180 or 300), or from GD14 to GD20 and PND2 to
Dams dosed either every 2 days from PND2 to PND20 (assessed on PND180 or 300), or from GD14 to GD20 and PND2 to
Mouse dams dosed by gavage every 3 days (18 mg/kg) from GD5-PND20 (dose calculation: GD5-PND20 = 33d; assume d
Mouse dams dosed by gavage every 3 days (18 mg/kg) from GD5-PND20 (dose calculation: GD5-PND20 = 33d; assume d

22	0.9	0.094	0.154	10	21 COMPLETE

Chelsea
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Sugawara et al.	2008	1410853
Sugawara et al.	2008	1410853
Sugawara et al.	2008	1410853
Sugawara et al.	2008	1410853
Sugawara et al.	2008	1410853
Sugawara et al.	2008	1410853
Sugawara et al.	2008	1410853
Simmons and Mckee	1992	1411046
Simmons and Mckee	1992	1411046
Simmons and Mckee	1992	1411046
Simmons and Mckee	1992	1411046
Simmons and Mckee	1992	1411046
Simmons and Mckee	1992	1411046
Borlakoglu et al.	1993	1411321
Borlakoglu et al.	1993	1411321
Borlakoglu et al.	1993	1411321
Borlakoglu et al.	1993	1411321
Yamamoto et al.	1994	1411672
Yamamoto et al.	1994	1411672
Yamamoto et al.	1994	1411672
Yamamoto et al.	1994	1411672
Yamamoto et al.	1994	1411672
Yamamoto et al.	1994	1411672
Seegal	1994	1411680
Seegal	1994	1411680
Seegal	1994	1411680
Seegal	1994	1411680
Seegal	1994	1411680
Seegal	1994	1411680
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Lindenau et al.	1994	1411815
Lindenau et al.	1994	1411815
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Soontornchat et al.	1994	1411900
Soontornchat et al.	1994	1411900
Wlostowski et al.	2008	1411982
Wlostowski et al.	2008	1411982
Wlostowski et al.	2008	1411982
Wlostowski et al.	2008	1411982
Wlostowski et al.	2008	1411982
Wlostowski et al.	2008	1411982
Wlostowski et al.	2008	1411982
Phillips and Batty	1995	1412244
Phillips and Batty	1995	1412244
Phillips and Batty	1995	1412244
Phillips and Batty	1995	1412244
Phillips and Batty	1995	1412244

number of male offspring/number of female offspring on PND 1
offspring body weight
incisor eruption
brain histopathology
water maze test
open-field test
spontaneous locomotion activity, grasp reflex, righting reflex, walking, negative geotaxis, cliff avoidance, swimming spee
adrenal weight
EROD activity, PROD activity, pentobarbital sleep time
liver weight
spleen weight
testes weight
kidney weight
P450 isoenzymes (cytochrome P450, cytochrome b5, microsomal protein concentrations, ethoxyresorufin-0-deethylase (
P450 isoenzymes (cytochrome P450, cytochrome b5, microsomal protein concentrations, ethoxyresorufin-0-deethylase (
absolute and relative liver weights (P0)
absolute and relative liver weights (F1)
serum lipids
serum and liver cholesterol
liver microsomes
liver lipids
liver weight
liver vitamin E
neurotransmitter levels
neurotransmitter levels
neurotransmitter levels
neurotransmitter levels
neurotransmitter levels
neurotransmitter levels
mean ovulation numbers
histopathological changes in the ovaries
estradiol, progesterone, prostaglandin F2α
EROD and PROD activity
liver weight (% body)
uterine wet weight
liver histopathology
liver lipids
absolute liver weight
liver iron
testes weight
kidney histopathology
kidney weight
number of live pups born in the first and second litters, number of deaths
percentage of males born
body weights, postweaning weights
number of pups per litter, % pairs breeding
birth interval

Sex ratio	Reproductive
Weight and size (early life)	Developmental
Dental effects	Musculoskeletal
Brain Weight & Histopathology	Nervous System
Cognitive function	Nervous System
Emotional state/affective behavior	Nervous System
Motor Function/Development	Nervous System
Adrenal weight	Endocrine
Liver enzyme induction	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Immune Organ Size/Weight	Immune System
Reproductive Organ Size/Weight (M)	Reproductive
Kidney weight	Urinary System
Liver Enzyme Induction	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Blood Triglycerides	Hepatobiliary
Cholesterol	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Micronutrients	Hepatobiliary
Neurotransmitter levels	Nervous System
Neurotransmitter levels	Nervous System
Neurotransmitter levels	Nervous System
Neurotransmitter levels	Nervous System
Neurotransmitter levels	Nervous System
Neurotransmitter levels	Nervous System
Ovulation	Reproductive
Reproductive Organ Histopathology (F)	Reproductive
Sex Hormone Levels (F)	Reproductive
Liver Enzyme Induction	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Reproductive Organ Size/Weight (F)	Reproductive
Liver Histopathology	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Micronutrients	Hepatobiliary
Reproductive Organ Size/Weight (M)	Reproductive
Kidney Histopathology	Urinary System
Kidney Weight	Urinary System
Offspring Mortality	Developmental
Sex Ratio	Reproductive
Weight and Size (Early Life)	Developmental
Pregnancy/Conception Rate	Reproductive
Time-to-Pregnancy & Couple/Pair Fertility	Reproductive

Aroclor 1254
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Aroclor 1016
Aroclor 1260
Aroclor 1254
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Aroclor 1260
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Aroclor 1242
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Aroclor 1254

Mouse	Oral-gavage	Secondary
Mouse	Oral-gavage	Secondary
Mouse	Oral-gavage	Secondary
Mouse	Oral-gavage	Secondary
Mouse	Oral-gavage	Secondary
Mouse	Oral-gavage	Secondary
Mouse	Oral-gavage	Secondary
Mouse	Oral-diet	Primary
Mouse	Oral-diet	Primary
Mouse	Oral-diet	Primary
Mouse	Oral-diet	Primary
Mouse	Oral-diet	Primary
Mouse	Oral-diet	Primary
Rat	Injection-ip	Primary
Rat	Injection-ip	Secondary
Rat	Injection-ip	Primary
Rat	Injection-ip	Secondary
Rat	Oral-diet	
Rat	Oral-diet	
Rat	Oral-diet	
Rat	Oral-diet	
Rat	Oral-diet	
Rat	Oral-diet	
Pigtail monkey	Oral-cookie	Primary
Pigtail monkey	Oral-cookie	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Secondary
Rat	Oral-diet	Secondary
Rat	Oral-diet	Secondary
Rabbit	Oral-gavage	
Rabbit	Oral-gavage	
Rabbit	Oral-gavage	
Rat	Injection-ip	Primary
Rat	Injection-ip	Primary
Rat	Injection-ip	Primary
Vole	Oral-diet	
Vole	Oral-diet	
Vole	Oral-diet	
Vole	Oral-diet	
Vole	Oral-diet	
Vole	Oral-diet	
Vole	Oral-diet	
Gerbil	Injection-sc	
Gerbil	Injection-sc	
Gerbil	Injection-sc	
Gerbil	Injection-sc	
Gerbil	Injection-sc	

		no	7.18
		no	7.18
		no	7.18
	105	21	
	105	21	
	105	21	
	105	21	
	105	21	
	105	21	
NR (175 g females)		1	
		no	10
NR (4-6kg male)		140	
NR (4-6kg male)		140	
NR (250-300g male)		30	
		no	10
		no	10
		no	10
	20	5	
	20	5	
	20	5	

5	38	N/A	N/A	21
5	38	N/A	N/A	21
5	38	N/A	N/A	21

60	2	0	6.55	6.55
74	2	0	6.55	6.55
74	2	0	6.55	6.55
		1	2.5	100
		1	2.5	100
		1	2.5	100
		1	2.5	100
		1	2.5	100
		1	2.5	100
		0	100	500
22	3	0	100	500
		0	3.2	3.2
		0	3.2	3.2
		1	500	1000
47	2	1	100	300
47	4	1	100	300
57	2	1	100	300
		0	24	24
		0	24	24
		0	24	24

			N/A
N/A		6.55	N/A
			N/A
			N/A
			N/A
N/A		6.55	N/A
N/A		6.55	N/A
			N/A
N/A		2.5	
	2.5	25	
			N/A
			N/A
			N/A
N/A		100	
N/A		100	N/A
			N/A
			N/A
N/A		3.2	
N/A		3.2	
N/A		500	
N/A		100	N/A
N/A		100	N/A
N/A		100	N/A
N/A		24	
N/A		24	
N/A		24	

Mouse dams dosed by gavage every 3 days (18 mg/kg) from GD5-PND20 (dose calculation: GD5-PND20 = 33d; assume dc
Mouse dams dosed by gavage every 3 days (18 mg/kg) from GD5-PND20 (dose calculation: GD5-PND20 = 33d; assume dc
Mouse dams dosed by gavage every 3 days (18 mg/kg) from GD5-PND20 (dose calculation: GD5-PND20 = 33d; assume dc
Mouse dams dosed by gavage every 3 days (18 mg/kg) from GD5-PND20 (dose calculation: GD5-PND20 = 33d; assume dc
Mouse dams dosed by gavage every 3 days (18 mg/kg) from GD5-PND20 (dose calculation: GD5-PND20 = 33d; assume dc
Mouse dams dosed by gavage every 3 days (18 mg/kg) from GD5-PND20 (dose calculation: GD5-PND20 = 33d; assume dc
Mouse dams dosed by gavage every 3 days (18 mg/kg) from GD5-PND20 (dose calculation: GD5-PND20 = 33d; assume dc

Dosing for 21 days beginning at 90-120 days of age
Dosing for 21 days beginning at 90-120 days of age

Litter sizes not reported; use default. Dams sacrificed at GD 22. Tables 2&3. EROD data from T3 reported. T2 did not repo
Litter sizes not reported; use default. Dams sacrificed at GD 22 and all fetal and newly deliver pups were evaluated as a s
Litter sizes not reported; use default. Dams sacrificed at GD 22 and all fetal and newly deliver pups were evaluated as a s
Litter sizes not reported; use default. Dams sacrificed at GD 22 and all fetal and newly deliver pups were evaluated as a s

Adult monkeys exposed for 20 or 66 wk. Decreased DA concentrations in the caudate nucleus, substantia nigra and hypot
Adult monkeys exposed for 20 or 66 wk. Decreased DA concentrations in the caudate nucleus, substantia nigra and hypot
Adult male rats exposed for 30 d. Decreased DA, DOPAC and HVA in the caudate nucleus and decreased DOPAC and HVA
Rat dams exposed GD 8-21, during lactation, or for the combined gestational and lactational periods. Offspring were sacr
Rat dams exposed GD 8-21, during lactation, or for the combined gestational and lactational periods. Offspring were sacr
Rat dams exposed GD 8-21, during lactation, or for the combined gestational and lactational periods. Offspring were sacr

Weaned rats were dosed with A1242 on days 23 and 24 (60 mg x2), days 20, 22, and 24 (40 mg x3), or days 20, 21, 22, 23,
Weaned rats were dosed with A1242 on days 23 and 24 (60 mg x2), days 20, 22, and 24 (40 mg x3), or days 20, 21, 22, 23,
Weaned rats were dosed with A1242 on days 23 and 24 (60 mg x2), days 20, 22, and 24 (40 mg x3), or days 20, 21, 22, 23,

18	0.9	0.229	0.264	6	21	COMPLETE
18	0.9	0.229	0.264	6	21	COMPLETE
18	0.9	0.229	0.264	6	21	COMPLETE
18	0.9	0.229	0.264	6	21	COMPLETE
18	0.9	0.229	0.264	6	21	COMPLETE
18	0.9	0.229	0.264	6	21	COMPLETE
18	0.9	0.229	0.264	6	21	COMPLETE
18	0.9	0.229	0.264	6	21	COMPLETE
18	0.9	0.229	0.264	6	21	COMPLETE
18	0.9	0.229	0.264	6	21	COMPLETE
18	0.9	0.229	0.264	6	21	COMPLETE
18	0.9	0.229	0.264	6	21	COMPLETE
18	0.9	0.229	0.264	6	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	NONE
22	0.9	0.094	0.154	10	21	NONE
22	0.9	0.094	0.154	10	21	NONE
22	0.9	0.094	0.154	10	21	NONE
22	0.9	0.094	0.154	10	21	NONE
22	0.9	0.094	0.154	10	21	NONE
168	0.9	0.199	0.054	1	154	COMPLETE
168	0.9	0.199	0.054	1	154	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
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Katie
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Chelsea
Chelsea
Chelsea

Mccoy et al.	1995	1412385
Mccoy et al.	1995	1412385
Mccoy et al.	1995	1412385
Mccoy et al.	1995	1412385
Vrecl et al.	1995	1412430
Vrecl et al.	1995	1412430
Vrecl et al.	1995	1412430
Vrecl et al.	1995	1412430
Vrecl et al.	1995	1412430
Vrecl et al.	1995	1412430
Vrecl et al.	1995	1412430
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Smith et al.	1995	1412729
Smith et al.	1995	1412729
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Voltura and French	2007	1413098
Voltura and French	2007	1413098
Voltura and French	2007	1413098
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Yilmaz et al.	2006	1413769
Yilmaz et al.	2006	1413769
Yilmaz et al.	2006	1413769
Yilmaz et al.	2006	1413769
Yilmaz et al.	2006	1413769
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Wu et al.	1999	1414675
Wu et al.	1999	1414675
Wu et al.	1999	1414675
Wu et al.	1999	1414675
Wu et al.	1999	1414675
Wu et al.	1999	1414675
Wu et al.	1999	1414675
Wu et al.	1999	1414675
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Chung and Clemens	1999	1414725
Chung and Clemens	1999	1414725
Chung and Clemens	1999	1414725
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Gupta	2000	1415296
Gupta	2000	1415296
Gupta	2000	1415296
Blake et al.	2000	1415334
Blake et al.	2000	1415334

litter size, percentage survival to weaning (F1)
mean birth weight, weaning weight in offspring (F1)
litters born per month, offspring born per month, litter size (F1)
time to first litter, fertile pairs (F1)
average number of fetuses
fetus weight (based on "corrected body weight")
adrenal histopathology
adrenal weight
liver histopathology
liver weight (P0)
liver weight (F1)
mitotic rate, centrilobular hepatocytes: enlarged nuclei and cytoplasmic vacuolation, oval cell and bile duct proliferation,
liver % body weight
porphyrins
serum LH, FSH, testosterone and estradiol
lung morphometry: volume density, potential air spaces, lung morphogenesis
litter size, breeding success rate, "lost" litters
pup mass
metabolic rate, oxygen consumption
litter size, breeding success rate
parathyroid hormone
parathyroid hormone
serum alkaline phosphatase
serum alkaline phosphatase
vertebral bone histopathology
vertebral bone histopathology
number of dams producing offspring, litter size, offspring deaths
pup body weight
analysis of the hematopoietic profile of the bone marrow: presence of megakaryocytes, ratio of myeloid to erythroid cell
liver P450 enzyme induction (EROD, PROD, and BROD)
liver weight
serum antibody response to DNP-KLH
lymphocyte proliferative response to mitogens (ConA, PHA)
spleen weight, thymus weight
white blood cell counts and differentials
female sexual behavior (lordosis quotient, percentages of mount leave and intromission leave); pacing test (approach lat
female sexual behavior (lordosis quotient, percentages of mount leave and intromission leave); pacing test (approach lat
female sexual behavior (lordosis quotient, percentages of mount leave and intromission leave); pacing test (approach lat
female sexual behavior (lordosis quotient, percentages of mount leave and intromission leave); pacing test (approach lat
histological/morphological changes in hippocampal mossy fibers
baculum (os-penis) length and mass
anogenital distance
litter size, fetal resorption
pup body weight
prostate weight, epididymal weight, testicular weight, vas deferens weight
heart histopathology
heart weight

Offspring mortality	Developmental
Weight and size (early life)	Developmental
Pregnancy/conception rate	Reproductive
Time-to-Pregnancy & Couple/Pair Fertility	Reproductive
Offspring Mortality	Developmental
Weight and Size (Early Life)	Developmental
Adrenal Histopathology	Endocrine
Adrenal Weight	Endocrine
Liver Histopathology	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Histopathology	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Porphyrins	Hepatobiliary
Sex Hormone Levels (M)	Reproductive
Pulmonary Histopathology	Respiratory
Offspring Mortality	Developmental
Weight and Size (Early Life)	Developmental
Body Temperature/Metabolic Rate	Metabolic
Pregnancy/conception rate	Reproductive
Parathyroid Hormone	Endocrine
Parathyroid Hormone	Endocrine
Serum Biomarkers of Liver Health & Function	Hepatobiliary
Serum Biomarkers of Liver Health & Function	Hepatobiliary
Bone Histopathology	Musculoskeletal
Bone Histopathology	Musculoskeletal
Offspring Mortality	Developmental
Weight and Size (Early Life)	Developmental
Bone Marrow Histopathology	Hematopoietic
Liver Enzyme Induction	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Antibody Responses	Immune System
Ex Vivo WBC Function	Immune System
Immune Organ Size/Weight	Immune System
White Blood Cell (WBC) Counts	Immune System
Social behavior/development	Nervous System
Social behavior/development	Nervous System
Sexual behavior (F)	Reproductive
Sexual behavior (F)	Reproductive
Brain Weight & Histopathology	Nervous System
Reproductive Organ Size/Weight (M)	Reproductive
Anogenital Distance	Reproductive
Offspring Mortality	Developmental
Weight and Size (Early Life)	Developmental
Reproductive Organ Size/Weight (M)	Reproductive
Cardiovascular histopathology	Cardiovascular
Heart Size/Weight	Cardiovascular

Aroclor 1254
Aroclor 1254
Aroclor 1254
Aroclor 1254
Pyralene 3000
Pyralene 3000
Pyralene 3000
Pyralene 3000
Pyralene 3000
Pyralene 3000
Pyralene 3000
Aroclor 1254
Aroclor 1254
Aroclor 1254
Aroclor 1254
Pyralene 3000
Mixture: Aroclors 1242, 1254
Mixture: Aroclors 1242, 1254
Mixture: Aroclors 1242, 1254
Mixture: Aroclors 1242, 1254
Aroclor 1221
Aroclor 1254
Aroclor 1221
Aroclor 1254
Aroclor 1221
Aroclor 1254
Aroclor 1254
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Aroclor 1254
Aroclor 1254
Aroclor 1254
Aroclor 1221
Aroclor 1254
Aroclor 1221
Aroclor 1254
Aroclor 1254
Aroclor 1254
Aroclor 1016
Aroclor 1016
Aroclor 1016
Aroclor 1016
Aroclor 1254
Aroclor 1254

Mouse	Oral-diet	Secondary
Mouse	Oral-diet	Secondary
Mouse	Oral-diet	Secondary
Mouse	Oral-diet	Secondary
Rat	Injection-ip	Secondary
Rat	Injection-ip	Secondary
Rat	Injection-ip	Primary
Rat	Injection-ip	Primary
Rat	Injection-ip	Primary
Rat	Injection-ip	Primary
Rat	Injection-ip	Secondary
Mouse	Oral-diet	Primary
Mouse	Oral-diet	Primary
Mouse	Oral-diet	Primary
Rat	Injection-ip	Primary
Rat	Injection-ip	Secondary
Mouse	Oral-diet	Secondary
Mouse	Oral-diet	Secondary
Mouse	Oral-diet	Primary
Mouse	Oral-diet	Primary
Rat	Injection-sc	Primary
Rat	Injection-sc	Primary
Rat	Injection-sc	Primary
Rat	Injection-sc	Primary
Rat	Injection-sc	Primary
Rat	Injection-sc	Primary
Mouse	Injection-ip	Secondary
Mouse	Injection-ip	Secondary
Mouse	Injection-ip	Secondary
Mouse	Injection-ip	Secondary
Mouse	Injection-ip	Secondary
Mouse	Injection-ip	Secondary
Mouse	Injection-ip	Secondary
Mouse	Injection-ip	Secondary
Mouse	Injection-ip	Secondary
Rat	Injection-ip	Secondary
Rat	Injection-ip	Secondary
Rat	Injection-ip	Secondary
Rat	Injection-ip	Secondary
Rat	Oral-diet	Secondary
Mink	Oral-diet	Primary
Mouse	Oral-syringe	Secondary
Mouse	Oral-syringe	Secondary
Mouse	Oral-syringe	Secondary
Mouse	Oral-syringe	Secondary
Rat	Injection-im	Primary
Rat	Injection-im	Primary

		no	4
		no	4
		no	3.8
		no	3.8
NR (230-250g)	3		
NR (230-250g)	3		
NR (230-250g)	3		
		no	10
NR	61		
90	30		
		no	10
		no	3.2
		no	2.8
248			
248	140		
200-220g, female	42		
200-220g, female	42		
		no	3.5
		no	3.5
		no	3.5
		no	3.5
		no	3.5
		no	3.5
		no	3.5
		no	10
		no	10
		no	10
		no	10
		no	10
84	140		
		no	8
		no	8
NR (270-300 g female)	21		
NR (270-300 g female)	21		

-68	43	N/A	N/A	25
0	18	N/A	N/A	0
0	43	44	433	25
0	43	44	148	25
7	9	N/A	N/A	0
7	9	N/A	N/A	0
-122	18	N/A	N/A	0
-122	19	N/A	N/A	1
-1	-1	N/A	N/A	22
-1	-1	N/A	N/A	22
-1	-1	N/A	N/A	22
-1	-1	N/A	N/A	22
-1	-1	N/A	N/A	22
-1	-1	N/A	N/A	22
-1	-1	N/A	N/A	22
14	32	N/A	N/A	28
14	32	N/A	N/A	28
14	32	N/A	N/A	28
14	32	N/A	N/A	28
0	38	N/A	N/A	16
16	18	N/A	N/A	3
16	18	N/A	N/A	3

43	2	1	5	5
18	3	1	5	5
86	5	1	5	5
86	5	1	5	5
		0	40	40
		0	40	40
		0	40	40
21	3	0	40	40
		1	100	100
		0	2	2
18.5	3	0	40	40
18	3	1	10	25
19	2	1	10	25
		1	10	25
		0	5	5
		0	5	5
46	2	0	300	300
46	2	0	300	300
46	2	0	300	300
60	2	0	300	300
53	2	0	300	300
46	2	0	300	300
39	2	0	300	300
82	2	0	14	42
82	2	0	14	42
82	2	0	14	42
82	2	0	14	42
38	2	1	125	125
		1	2	2
21	2	0	0.05	0.05
21	2	0	0.05	0.05
		0	285	285
		0	285	285

N/A		5	N/A	
N/A		5	N/A	
N/A		5		5
N/A		5		5
				N/A
				N/A
N/A		40		
				N/A
N/A		40		
N/A		40		
N/A		40	N/A	
N/A		100		
				N/A
				N/A
N/A		2		
N/A		40	N/A	
	10	25	N/A	
N/A		10	N/A	
				N/A
	10	25		
				N/A
				N/A
N/A		5		
				N/A
				N/A
N/A		5		
				N/A
N/A		300	N/A	
				N/A
N/A		300	N/A	
N/A		300	N/A	
N/A		300	N/A	
N/A		300	N/A	
N/A		300	N/A	
N/A		300	N/A	
N/A		14	N/A	
N/A		14	N/A	
N/A		14	N/A	
N/A		14	N/A	
N/A		125	N/A	
	2			N/A
N/A		0.05	N/A	
				N/A
				N/A
N/A		0.05	N/A	
				N/A
				N/A

The F0 generation was dosed continuously for 12 months beginning at 6-10 weeks of age; timing of pregnancies within th
Continuous dosing for 12 months beginning at 6-10 weeks of age (mice); timing of pregnancies within this period is uncle
The F0 generation was dosed continuously for 12 months beginning at 6-10 weeks of age; timing of pregnancies within th
The F0 generation was dosed continuously for 12 months beginning at 6-10 weeks of age; timing of pregnancies within th
Rat dams ip injected on GD7 and GD9 with 60 mg/kg Pyralene 3000. 120/3=40 mg/kg. Sacrificed on GD21. No effect on n
Rat dams ip injected on GD7 and GD9 with 60 mg/kg Pyralene 3000. 120/3=40 mg/kg. Sacrificed on GD21. No effect on fe
Rat dams ip injected on GD7 and GD9 with 60 mg/kg Pyralene 3000. 120/3=40 mg/kg. Sacrificed on GD21. PCB treatment
Rat dams ip injected on GD7 and GD9 with 60 mg/kg Pyralene 3000. 120/3=40 mg/kg. Sacrificed on GD21. No effect on a
Rat dams ip injected on GD7 and GD9 with 60 mg/kg Pyralene 3000. 120/3=40 mg/kg. Sacrificed on GD21. Significant cha
Rat dams ip injected on GD7 and GD9 with 60 mg/kg Pyralene 3000. 120/3=40 mg/kg. Sacrificed on GD21. Significant effe
Rat dams ip injected on GD7 and GD9 with 60 mg/kg Pyralene 3000. 120/3=40 mg/kg. Sacrificed on GD21. Significant effe
Male mice were dosed with 0.01% Aroclor 1254 in the diet for either 5 weeks or 2 months (2m * 365d/12m = 60.83d). So
Male mice were dosed with 0.01% Aroclor 1254 in the diet for either 5 weeks or 2 months (2m * 365d/12m = 60.83d). Liv
Male mice were dosed with 0.01% Aroclor 1254 in the diet for either 5 weeks or 2 months (2m * 365d/12m = 60.83d). Po
N/A
Rat dams dosed with 60 mg/kg of Pyralene-3000 by ip injection on GD7 and 9 (2 doses of 60mg/kg = 120mg/kg; 120mg/k
To control for parity, this study bred females once before starting on a diet containing a 2:1 mixture of Arcolor 1242 and
To control for parity, this study bred females once before starting on a diet containing a 2:1 mixture of Arcolor 1242 and
To control for parity, this study bred females once before starting on a diet containing a 2:1 mixture of Arcolor 1242 and
To control for parity, this study bred females once before starting on a diet containing a 2:1 mixture of Arcolor 1242 and
Adult female rats (200-220g) were s.c. injected with 10 mg/kg of Aroclor 1221 every other day for 6 weeks (6wk = 42d; 2
Adult female rats (200-220g) were s.c. injected with 10 mg/kg of Aroclor 1254 every other day for 6 weeks (6wk = 42d; 2
Adult female rats (200-220g) were s.c. injected with 10 mg/kg of Aroclor 1221 every other day for 6 weeks (6wk = 42d; 2
Adult female rats (200-220g) were s.c. injected with 10 mg/kg of Aroclor 1254 every other day for 6 weeks (6wk = 42d; 2
Adult female rats (200-220g) were s.c. injected with 10 mg/kg of Aroclor 1221 every other day for 6 weeks (6wk = 42d; 2
Adult female rats (200-220g) were s.c. injected with 10 mg/kg of Aroclor 1254 every other day for 6 weeks (6wk = 42d; 2
3-4 month old female mice were i.p. injected with a single dose of 300 mg/kg of Aroclor 1254 on the same day they were
3-4 month old female mice were i.p. injected with a single dose of 300 mg/kg of Aroclor 1254 on the same day they were
3-4 month old female mice were i.p. injected with a single dose of 300 mg/kg of Aroclor 1254 on the same day they were
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3-4 month old female mice were i.p. injected with a single dose of 300 mg/kg of Aroclor 1254 on the same day they were
3-4 month old female mice were i.p. injected with a single dose of 300 mg/kg of Aroclor 1254 on the same day they were
Rat dams dosed from GD 14 to PND 10; pups weaned at PND 28. Authors report injection concentrations of 3.33 and 10 r
Rat dams dosed from GD 14 to PND 10; pups weaned at PND 28. Authors report injection concentrations of 3.33 and 10 r
Rat dams dosed from GD 14 to PND 10; pups weaned at PND 28. Authors report injection concentrations of 3.33 and 10 r
Rat dams dosed from GD 14 to PND 10; pups weaned at PND 28. Authors report injection concentrations of 3.33 and 10 r
Dams exposed from mating until pups were weaned at PND 28. Weaned pups were continued on their pre-weaning diet

Pregnant mice (age NR) were fed a diet containing 50 ug/kg/d of Aroclor 1016 from GD16-18. Litters were adjusted to 8 a
Pregnant mice (age NR) were fed a diet containing 50 ug/kg/d of Aroclor 1016 from GD16-18. Litters were adjusted to 8 a
Pregnant mice (age NR) were fed a diet containing 50 ug/kg/d of Aroclor 1016 from GD16-18. Litters were adjusted to 8 a
Pregnant mice (age NR) were fed a diet containing 50 ug/kg/d of Aroclor 1016 from GD16-18. Litters were adjusted to 8 a

18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
52	0.9	0.312	0.066	5	56 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE

Geniece
Geniece
Geniece
Geniece
Chelsea
Chelsea
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Katie
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Katie
Geniece
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Blake et al.	2000	1415334
Blake et al.	2000	1415334
Blake et al.	2000	1415334
Blake et al.	2000	1415334
Blake et al.	2000	1415334
Blake et al.	2000	1415334
Blake et al.	2000	1415334
Blake et al.	2000	1415334
Blake et al.	2000	1415334
Bryce et al.	2000	1415629
Geller et al.	2001	1415790
Geller et al.	2001	1415790
Ceccatelli et al.	2006	1415838
Ceccatelli et al.	2006	1415838
Ceccatelli et al.	2006	1415838
Ceccatelli et al.	2006	1415838
Ceccatelli et al.	2006	1415838
Ceccatelli et al.	2006	1415838
Ceccatelli et al.	2006	1415838
Murugesan et al.	2005	1416186
Murugesan et al.	2005	1416186
Sharlin et al.	2006	1416310
Sharlin et al.	2006	1416310
Sugawara et al.	2006	1416422
Sugawara et al.	2006	1416422
Sugawara et al.	2006	1416422
Sugawara et al.	2006	1416422
Sugawara et al.	2006	1416422
Sugawara et al.	2006	1416422
Sugawara et al.	2006	1416422
Chung et al.	2001	1416578
Chung et al.	2001	1416578
Chung et al.	2001	1416578
Chung et al.	2001	1416578
Chung et al.	2001	1416578
Chung et al.	2001	1416578
Chung et al.	2001	1416578
Chung et al.	2001	1416578
Chung et al.	2001	1416578
Chung et al.	2001	1416578
Chung et al.	2001	1416578
Kutlu et al.	2007	1416637
Kutlu et al.	2007	1416637
Kutlu et al.	2007	1416637
Kutlu et al.	2007	1416637
Kutlu et al.	2007	1416637

adrenal histopathology
adrenal weight
spleen histopathology
spleen weight
estrual smears were taken daily at approximately the same time for 25 days
organs were collected, fixed, embedded, sectioned, and stained for histological evaluations
organs were weighed
kidney histopathology
kidney weight
menses frequency, duration,and cycle length
operant conditioning
visual thresholds, electroretinography
anogenital distance
live pups/litter, survival rate
sex ratio
pup body weight at PND 2, PND 14, and at 12 weeks
liver weight, relative liver weight
day of vaginal opening
uterine and ovarian weights
serum TSH, total T3, total T4
serum LH, testosterone, prolactin, and estradiol
pup body weight at PND15
total T4
pinna detachment, hair growth, day of eye opening
number of pups, number of implant sites, number of surviving offspring on PND1
body weight of male offspring
incisor eruption
Morris water maze test
open-field test
grasp reflex, righting reflex, walking, negative geotaxis, cliff avoidance, spontaneous locomotion activity
offspring body weight
offspring body weight
Female sexual behavior (pacing test), not including lordosis
Female sexual behavior (pacing test), not including lordosis (F1)
Female sexual behavior (pacing test), not including lordosis
Female sexual behavior (pacing test), not including lordosis (F1)
estrous cyclicity (F1)
estrous cyclicity (F1)
female sexual behavior
female sexual behavior (F1)
female sexual behavior
female sexual behavior (F1)
liver histology
liver histology
serum levels ALT, AST, ALP
serum levels ALT, AST, ALP
kidney histology

Adrenal histopathology	Endocrine
Adrenal weight	Endocrine
Immune organ histopathology	Immune System
Immune Organ Size/Weight	Immune System
Estrous/Menstrual Cycle	Reproductive
Reproductive Organ Histopathology (F)	Reproductive
Reproductive Organ Size/Weight (F)	Reproductive
Kidney histopathology	Urinary System
Kidney weight	Urinary System
Estrous/Menstrual Cycle	Reproductive
Cognitive function	Nervous System
Visual, Auditory, and Olfactory Function	Nervous System
Anogenital Distance	Reproductive
Offspring Mortality	Developmental
Sex Ratio	Reproductive
Weight and Size (Early Life)	Developmental
Liver Weight/Hepatomegaly	Hepatobiliary
Pubertal Development (F)	Reproductive
Reproductive Organ Size/Weight (F)	Reproductive
HPT Hormones	Endocrine
Sex Hormone Levels (M)	Reproductive
Weight and Size (Early Life)	Developmental
HPT Hormones	Endocrine
Developmental milestones	Developmental
Offspring mortality	Developmental
Weight and size (early life)	Developmental
Dental effects	Musculoskeletal
Cognitive function	Nervous System
Emotional state/affective behavior	Nervous System
Motor Function/Development	Nervous System
Weight and size (early life)	Developmental
Weight and size (early life)	Developmental
Social behavior/development	Nervous System
Social behavior/development	Nervous System
Social behavior/development	Nervous System
Social behavior/development	Nervous System
Estrous/Menstrual Cycle	Reproductive
Estrous/Menstrual Cycle	Reproductive
Sexual behavior (F)	Reproductive
Sexual behavior (F)	Reproductive
Sexual behavior (F)	Reproductive
Sexual behavior (F)	Reproductive
Liver Histopathology	Hepatobiliary
Liver Histopathology	Hepatobiliary
Serum Biomarkers of Liver Health & Function	Hepatobiliary
Serum Biomarkers of Liver Health & Function	Hepatobiliary
Kidney Histopathology	Urinary System

Aroclor 1254
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Aroclor 1254
Aroclor 1221

Rat	Injection-im	Primary
Rat	Injection-im	Primary
Rat	Injection-im	Primary
Rat	Injection-im	Primary
Rat	Injection-im	Primary
Rat	Injection-im	Primary
Rat	Injection-im	Primary
Rat	Injection-im	Primary
Rat	Injection-im	Primary
Rhesus monkey	Oral-capsule	Primary
Rat	Oral-gavage	Secondary
Rat	Oral-gavage	Secondary
Rat	Injection-sc	Secondary
Rat	Injection-sc	Secondary
Rat	Injection-sc	Secondary
Rat	Injection-sc	Secondary
Rat	Injection-sc	Secondary
Rat	Injection-sc	Secondary
Rat	Injection-sc	Secondary
Rat	Injection-ip	Primary
Rat	Injection-ip	Primary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Secondary
Mouse	Oral-gavage	Secondary
Mouse	Oral-gavage	Secondary
Mouse	Oral-gavage	Secondary
Mouse	Oral-gavage	Secondary
Mouse	Oral-gavage	Secondary
Mouse	Oral-gavage	Secondary
Mouse	Oral-gavage	Secondary
Rat	Injection-ip	Secondary
Rat	Injection-ip	Secondary
Rat	Injection-ip	Primary
Rat	Injection-ip	Secondary
Rat	Injection-ip	Primary
Rat	Injection-ip	Secondary
Rat	Injection-ip	Secondary
Rat	Injection-ip	Secondary
Rat	Injection-ip	Primary
Rat	Injection-ip	Secondary
Rat	Injection-ip	Primary
Rat	Injection-ip	Secondary
Rat	Injection-sc	Primary
Rat	Injection-sc	Primary
Rat	Injection-sc	Primary
Rat	Injection-sc	Primary
Rat	Injection-sc	Primary

NR (270-300 g female)		21		
NR (270-300 g female)		21		
NR (270-300 g female)		21		
NR (270-300 g female)		21		
NR (270-300 g female; assume 120 d)		21		
NR (270-300 g female; assume 120 d)		21		
	120	21		
NR (270-300 g female)		21		
NR (270-300 g female)		21		
			no	11.6
			no	11.6
			no	10.2
			no	10.2
	90	30		
	90	30		
			no	10
			no	6
			no	6
			no	6
			no	8
			no	8
200-220g, females		42		
200-220g, females		42		
200-220g, females		42		
200-220g, females		42		
200-220g, females		42		

		0	285	285
		0	285	285
		0	285	285
		0	285	285
		0	285	285
		0	285	285
		0	285	285
		0	285	285
		0	285	285
112	2	0	1	6
112	2	0	1	6
24	2	0	10	10
102	2	0	10	10
		0	2	2
		0	2	2
37	2	0	5	5
74	2	0	2.06	18.56
74	2	0	2.06	18.56
22	2	0	2.06	18.56
89	4	0	2	4
89	4	0	2	4
		0	5	5
		0	5	5
		0	5	5
		0	5	5
		0	5	5

N/A		285	
N/A		285	
			N/A
			N/A
			N/A
			N/A
N/A		285	
			N/A
N/A		285	
			N/A
N/A		1	N/A
N/A		1	N/A
N/A		10	N/A
			N/A
			N/A
			N/A
			N/A
			N/A
N/A		10	N/A
N/A		2	
N/A		2	
			N/A
N/A		5	N/A
			N/A
			N/A
			N/A
			N/A
	2.06	6.19	N/A
	2.06	6.19	N/A
N/A		2.06	N/A
			N/A
			N/A
			N/A
			N/A
			N/A
N/A		2	N/A
			N/A
			N/A
			N/A
			N/A
			N/A
N/A		2	N/A
N/A		5	
N/A		5	
N/A		5	
N/A		5	
N/A		5	

"group 2 animals (n=4) were injected intramuscularly every other day with 0.1cc of Aroclor 1254"; Aroclor 1254 density =
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"group 2 animals (n=4) were injected intramuscularly every other day with 0.1cc of Aroclor 1254"; Aroclor 1254 density =
Menstruating female monkeys (avg age 11.5 years at start of study) were dosed with 0, 5, 20, 40, or 80 ug/kg-day. The m
Dams exposed GD6-PND21; initiation of lever pressing during autoshaping altered after PND 90"Litter size ranged from 4
Dams exposed GD6-PND21; mean proportion of visual stimuli detected at various intensities altered after PND 90"Litter s
Rat dams were subcutaneously injected with 10 mg/kg-day from GD 10 - GD 18 (nine injections). Anogenital distance at F
Rat dams were subcutaneously injected with 10 mg/kg-day from GD 10 - GD 18 (nine injections). No effect from treatmei
Rat dams were subcutaneously injected with 10 mg/kg-day from GD 10 - GD 18 (nine injections). No effect from treatmei
Rat dams were subcutaneously injected with 10 mg/kg-day from GD 10 - GD 18 (nine injections). No effect from treatmei
Rat dams were subcutaneously injected with 10 mg/kg-day from GD 10 - GD 18 (nine injections). No effect from treatmei
Rat dams were subcutaneously dosed injected with 10 mg/kg-day from GD 10 - GD 18 (nine injections). There was no eff
Rat dams were subcutaneously injected with 10 mg/kg-day from GD 10 - GD 18 (nine injections). Litter size of LOAEL dose
Male rats (90 days old) were ip injected with 2 mg/kg-day Aroclor 1254 for 30 days. TSH, T3, and T4 were all altered by tr
Male rats (90 days old) were ip injected with 2 mg/kg-day Aroclor 1254 for 30 days. LH, testosterone, prolactin, and estra
Rat dams (age NR) were dosed via cookie with 5mg/kg/d of Aroclor 1254 from GD7-PND15. Litter size not reported, defa
Rat dams (age NR) were dosed via cookie with 5mg/kg/d of Aroclor 1254 from GD7-PND15. Litter size not reported, defa
Mouse dams were dosed with 6, 18, or 54 mg/kg-d every 3 d from GD6-PND20 (dose calculation: GD6-PND20 = 32d; assu
Mouse dams were dosed with 6, 18, or 54 mg/kg-d every 3 d from GD6-PND20 (dose calculation: GD6-PND20 = 32d; assu
Mouse dams were dosed with 6, 18, or 54 mg/kg-d every 3 d from GD6-PND20 (dose calculation: GD6-PND20 = 32d; assu
Mouse dams were dosed with 6, 18, or 54 mg/kg-d every 3 d from GD6-PND20 (dose calculation: GD6-PND20 = 32d; assu
Mouse dams were dosed with 6, 18, or 54 mg/kg-d every 3 d from GD6-PND20 (dose calculation: GD6-PND20 = 32d; assu
Mouse dams were dosed with 6, 18, or 54 mg/kg-d every 3 d from GD6-PND20 (dose calculation: GD6-PND20 = 32d; assu
Mouse dams were dosed with 6, 18, or 54 mg/kg-d every 3 d from GD6-PND20 (dose calculation: GD6-PND20 = 32d; assu
Rat dams were injected ip with 2.5 or 5 mg PCBs (total administered dose) over 7 d (PND 1-7). Doses of 2 and 4 mg/kg-d
Rat dams were injected ip with 2.5 or 5 mg PCBs (total administered dose) over 7 d (PND 1-7). Doses of 2 and 4 mg/kg-d
Adult female rats (60 d of age) were injected ip with 2.5 or 5 mg PCBs (total administered dose) over 7 d. Doses of 2 and
Rat dams were injected ip with 2.5 or 5 mg PCBs (total administered dose) over 7 d (PND 1-7). Doses of 2 and 4 mg/kg-d
Adult female rats (60 d of age) were injected ip with 2.5 or 5 mg PCBs (total administered dose) over 7 d. Doses of 2 and
Rat dams were injected ip with 2.5 or 5 mg PCBs (total administered dose) over 7 d (PND 1-7). Doses of 2 and 4 mg/kg-d
Rat dams were injected ip with 2.5 or 5 mg PCBs (total administered dose) over 7 d (PND 1-7). Doses of 2 and 4 mg/kg-d
Rat dams were injected ip with 2.5 or 5 mg PCBs (total administered dose) over 7 d (PND 1-7). Doses of 2 and 4 mg/kg-d
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Rat dams were injected ip with 2.5 or 5 mg PCBs (total administered dose) over 7 d (PND 1-7). Doses of 2 and 4 mg/kg-d
Adult female rats (60 d of age) were injected ip with 2.5 or 5 mg PCBs (total administered dose) over 7 d. Doses of 2 and
Rat dams were injected ip with 2.5 or 5 mg PCBs (total administered dose) over 7 d (PND 1-7). Doses of 2 and 4 mg/kg-d
Adult female rats (200-220g) were subcutaneously injected with 10 mg/kg/d Aroclor 1221 every other day for 6 weeks (6
Adult female rats (200-220g) were subcutaneously injected with 10 mg/kg/d Aroclor 1254 every other day for 6 weeks (6
Adult female rats (200-220g) were subcutaneously injected with 10 mg/kg/d Aroclor 1221 every other day for 6 weeks (6
Adult female rats (200-220g) were subcutaneously injected with 10 mg/kg/d Aroclor 1254 every other day for 6 weeks (6
Adult female rats (200-220g) were subcutaneously injected with 10 mg/kg/d Aroclor 1221 every other day for 6 weeks (6

22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE

Geniece
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Katie

Kutlu et al.	2007	1416637
Kutlu et al.	2007	1416637
Kutlu et al.	2007	1416637
Herr et al.	2001	1416693
Herr et al.	2001	1416693
Herr et al.	2001	1416693
Herr et al.	2001	1416693
Käkelä et al.	2002	1416764
Käkelä et al.	2002	1416764
Käkelä et al.	2002	1416764
Käkelä et al.	2002	1416764
Käkelä et al.	2002	1416764
Käkelä et al.	2002	1416764
Käkelä et al.	2002	1416764
Taylor et al.	2002	1417198
Pravettoni et al.	2005	1417513
Pravettoni et al.	2005	1417513
Pravettoni et al.	2005	1417513
Nakai et al.	2005	1417552
Nakai et al.	2005	1417552
Murugesan et al.	2005	1417568
Murugesan et al.	2005	1417568
Smith et al.	2003	1417617
Smith et al.	2003	1417617
Smith et al.	2003	1417617
Smith et al.	2003	1417617
Murugesan et al.	2005	1417737
Käkelä et al.	2003	1417774
Käkelä et al.	2003	1417774
Käkelä et al.	2003	1417774
Käkelä et al.	2003	1417774
Käkelä et al.	2003	1417898
Käkelä et al.	2003	1417898
Lee et al.	2003	1417916
Lee et al.	2003	1417916
Lee et al.	2003	1417916
Lee et al.	2003	1417916
Lee et al.	2003	1417916
Alston et al.	2003	1418042
Alston et al.	2003	1418042
Salama et al.	2003	1418293
Salama et al.	2003	1418293
Salama et al.	2003	1418293
Salama et al.	2003	1418293
Salama et al.	2003	1418293
Salama et al.	2003	1418293
Salama et al.	2003	1418293

kidney histology
serum levels of urea, creatinine, uric acid
serum levels of urea, creatinine, uric acid
offspring body weight
colonic and tail temperatures
visual, somatosensory and peripheral nerve, and nerve conduction velocity evoked potentials
reflex modification audiometry
kits/mother, barren mothers, dead kits
kit weight
hemoglobin
liver total lipids, phospholipids and triacylglycerols
relative liver weights
vitA1 total and vitA2 total in liver
kits/mother, barren mothers
schedule-controlled behavior: acquisition and steady-state performance under a series of fixed-interval reinforcement sc
number of fetuses/mother, number of reabsorptions
male to female ratio
fetal body weight
brain weight
neurotransmitter levels
testis, epididymis, seminal vesicle, and ventral prostatic weight
serum testosterone and estradiol levels
mitogen-stimulated lymphocyte proliferation
splenocyte counts
spleen mass
WBC counts
serum testosterone and serum estradiol
plasma thyroxine
polar lipids, triacylglycerols, free fatty acids
cholesterol
hepatic total A1, A2
total FA in liver
A1 and A2 esters in liver
pups/litter
histological features of the rat placenta
placental weights
pup weights
gestation period
seminiferous tubule histopathology
testes weight
anogenital distance
age at eye opening
body weight in developing female rats
AVPV and SON volume
estrous cyclicity
age at vaginal opening, age at first estrus
combined uterine and ovarian weight

Kidney Histopathology	Urinary System
Serum Biomarkers of Renal Function	Urinary System
Serum Biomarkers of Renal Function	Urinary System
Weight and Size (Early Life)	Developmental
Body Temperature/Metabolic Rate	Metabolic
Neurophysiology	Nervous System
Visual, Auditory, and Olfactory Function	Nervous System
Offspring Mortality	Developmental
Weight and Size (Early Life)	Developmental
Red Blood Cells/Hemoglobin	Hematopoietic
Liver Lipids/Steatosis	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Micronutrients	Hepatobiliary
Pregnancy/conception rate	Reproductive
Cognitive function	Nervous System
Offspring Mortality	Developmental
Sex Ratio	Reproductive
Weight and Size (Early Life)	Developmental
Brain Weight & Histopathology	Nervous System
Neurotransmitter levels	Nervous System
Reproductive Organ Size/Weight (M)	Reproductive
Sex Hormone Levels (M)	Reproductive
Ex Vivo WBC Function	Immune System
Immune Organ Histopathology	Immune System
Immune Organ Size/Weight	Immune System
White Blood Cell (WBC) Counts	Immune System
Sex Hormone Levels (M)	Reproductive
HPT Hormones	Endocrine
Blood Triglycerides	Hepatobiliary
Cholesterol	Hepatobiliary
Micronutrients	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Micronutrients	Hepatobiliary
Offspring Mortality	Developmental
Placental Histopathology	Developmental
Placental Weight	Developmental
Weight and Size (Early Life)	Developmental
Gestation Duration/Preterm Birth	Reproductive
Reproductive Organ Histopathology (M)	Reproductive
Reproductive Organ Size/Weight (M)	Reproductive
Anogenital Distance	Reproductive
Developmental Milestones	Developmental
Weight and Size (Early Life)	Developmental
Brain Weight & Histopathology	Nervous System
Estrous/Menstrual Cycle	Reproductive
Pubertal Development (F)	Reproductive
Reproductive Organ Size/Weight (F)	Reproductive

Aroclor 1254
Aroclor 1221
Aroclor 1254
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Aroclor 1254
Aroclor 1242
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Aroclor 1221
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Aroclor 1221
Aroclor 1221
Aroclor 1221

Rat	Injection-sc	Primary
Rat	Injection-sc	Primary
Rat	Injection-sc	Primary
Rat	Oral-gavage	Secondary
Rat	Oral-gavage	Secondary
Rat	Oral-gavage	Secondary
Rat	Oral-gavage	Secondary
Mink	Oral-diet	Secondary
Mink	Oral-diet	Secondary
Mink	Oral-diet	Secondary
Mink	Oral-diet	Primary
Mink	Oral-diet	Primary
Mink	Oral-diet	Primary
Mink	Oral-diet	Primary
Rat	Oral-gavage	Secondary
Rat	Oral-gavage	Secondary
Rat	Oral-gavage	Secondary
Rat	Oral-gavage	Secondary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Injection-ip	Primary
Rat	Injection-ip	Primary
Rat	Injection-ip	Primary
Rat	Injection-ip	Primary
Rat	Injection-ip	Primary
Rat	Injection-ip	Primary
Rat	Injection-ip	Primary
Mink	Oral-diet	Primary
Mink	Oral-diet	Primary
Mink	Oral-diet	Primary
Mink	Oral-diet	Primary
Mink	Oral-diet	Primary
Mink	Oral-diet	Primary
Rat	Injection-ip	Secondary
Rat	Injection-ip	Secondary
Rat	Injection-ip	Secondary
Rat	Injection-ip	Secondary
Rat	Injection-ip	Primary
Mouse	Oral-diet	Primary
Mouse	Oral-diet	Primary
Rat	Injection-ip	Secondary
Rat	Injection-ip	Secondary
Rat	Injection-ip	Secondary
Rat	Injection-ip	Secondary
Rat	Injection-ip	Secondary
Rat	Injection-ip	Secondary
Rat	Injection-ip	Secondary

200-220g, females		42	
200-220g, females		42	
200-220g, females		42	
			no 10
			no 5
	61	147	
	61	147	
			no 10
NR (225-275g male)		5	
	90	30	
	90	30	
	120	3	
	90	30	
	61	147	
	60	147	
			no 9.6
			no 9.6
			no 9.6
			no 10.7
	64	5	
	77	30	
			no 10

6	43	N/A	N/A	21
-147	-1	N/A	N/A	10
6	43	N/A	N/A	21

		0	5	5
		0	5	5
		0	5	5
150	2	0	0.973	5.84
62	2	0	1	1
		0	1	1
		0	1	1
82	2	0	6	6
		0	130	130
		0	2	2
		0	2	2
		0	19	314
		0	2	2
		1	1	1
		1	1	1
20	3	0	10	25
20	3	0	10	25
20	3	0	10	25
20	3	0	10	25
		0	10	25
		1	5	5
60	2	0	0.27	0.27

N/A		5	
N/A		5	
N/A		5	
			N/A
			N/A
			N/A
	0.973	5.84	N/A
			N/A
N/A		1	N/A
			N/A
N/A		1	
			N/A
N/A		1	
			N/A
N/A		6	N/A
			N/A
			N/A
			N/A
			N/A
N/A		130	
N/A		2	
N/A		2	
N/A		19	
			N/A
			N/A
			N/A
N/A		2	
			N/A
			N/A
			N/A
N/A		1	
			N/A
N/A		1	
	10	25	N/A
	10	25	N/A
	10	25	N/A
N/A		10	N/A
	10	25	
N/A		5	
			N/A
			N/A
			N/A
			N/A
			N/A
N/A		0.27	N/A
			N/A
			N/A

Adult female rats (200-220g) were subcutaneously injected with 10 mg/kg/d Aroclor 1254 every other day for 6 weeks (6
Adult female rats (200-220g) were subcutaneously injected with 10 mg/kg/d Aroclor 1221 every other day for 6 weeks (6
Adult female rats (200-220g) were subcutaneously injected with 10 mg/kg/d Aroclor 1254 every other day for 6 weeks (6
Rat dams dosed from GD 6 to PND 21 (but not PND0) with 1 or 6 mg/kg A1254. Dose calculation is: 37d period, but dosed
Rat dams dosed from GD 6 to PND 21 (but not PND0) with 1 or 6 mg/kg A1254. Dose calculation is: 37d period, but dosed
Rat dams dosed from GD 6 to PND 21 (but not PND0) with 1 or 6 mg/kg A1254. Dose calculation is: 37d period, but dosed
Rat dams dosed from GD 6 to PND 21 (but not PND0) with 1 or 6 mg/kg A1254. Dose calculation is: 37d period, but dosed
2 month old female minks were fed a diet containing 1mg/d (dose = 1 mg/kg-bw/d assuming the reference mass of 1.0kg
2 month old female minks were fed a diet containing 1mg/d (dose = 1 mg/kg-bw/d assuming the reference mass of 1.0kg
2 month old female minks were fed a diet containing 1mg/d (dose = 1 mg/kg-bw/d assuming the reference mass of 1.0kg
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2 month old female minks were fed a diet containing 1mg/d (dose = 1 mg/kg-bw/d assuming the reference mass of 1.0kg
2 month old female minks were fed a diet containing 1mg/d (dose = 1 mg/kg-bw/d assuming the reference mass of 1.0kg
Dams exposed GD6-PND21; FI 3-min with reinforcement omission rate of response altered after PND60Litter size NR; use
Timed pregnant rats (age NR) were orally gavaged with 25mg/kg/d of Aroclor 1254 from GD15-19. Fetuses were remove
Timed pregnant rats (age NR) were orally gavaged with 25mg/kg/d of Aroclor 1254 from GD15-19. Fetuses were remove
Timed pregnant rats (age NR) were orally gavaged with 25mg/kg/d of Aroclor 1254 from GD15-19. Fetuses were remove
Adult male rats (225-275g) exposed for 5 d. "There was no significant change in the brain weights of any group relative to
Adult male rats (225-275g) exposed for 5 d. Alterations in neurotransmitter levels in caudate (HIAA, HVA and dopamine,
adult male wistar rats (90 days, 190-210 g at onset) were given AR1254 at 2 mg/kg-d via IP injection for 30 days. Testis, e
adult male wistar rats (90 days, 190-210 g at onset) were given AR1254 at 2 mg/kg-d via IP injection for 30 days. Figure 1
Male rats were i.p. injected with Aroclor 1254 for 3 days. "Actual mean dose levels (mg/kg body mass ±SE) for cotton rats we
Male rats were i.p. injected with Aroclor 1254 for 3 days. "Actual mean dose levels (mg/kg body mass ±SE) for cotton rats we
Male rats were i.p. injected with Aroclor 1254 for 3 days. "Actual mean dose levels (mg/kg body mass ±SE) for cotton rats we
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adult male wistar rats (90 days, 190-210 g at onset) were given AR1254 at 2 mg/kg-d via IP injection for 30 days. Serum te
2 month old female minks were fed a diet containing 1mg/d (dose = 1 mg/kg-bw/d assuming the reference mass of 1.0kg
2 month old female minks were fed a diet containing 1mg/d (dose = 1 mg/kg-bw/d assuming the reference mass of 1.0kg
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2 month old female minks were fed a diet containing 1mg/d (dose = 1 mg/kg-bw/d assuming the reference mass of 1.0kg
2 month old female minks were fed a diet containing 1mg/d (dose = 1 mg/kg-bw/d assuming the reference mass of 1.0kg
Rat dams ip injected with 10 or 25 mg/kg A1254 starting at GD15, sacrificed at GD20. Significant treatment effect on pups
Rat dams ip injected with 10 or 25 mg/kg A1254 starting at GD15, sacrificed at GD20. "In the rat placental junctional zone
Rat dams ip injected with 10 or 25 mg/kg A1254 starting at GD15, sacrificed at GD20. Significant effect on placental weig
Rat dams ip injected with 10 or 25 mg/kg A1254 starting at GD15, sacrificed at GD20. Signficant effect on pup weight at P
Rat dams ip injected with 10 or 25 mg/kg A1254 starting at GD15, sacrificed at GD20. Significant effect on gestation perio
Adult male mice (10-12 weeks old) were dosed with 5 ppm in diet for 30 days. Degenerative alterations in seminiferous t
Adult male mice (10-12 weeks old) were dosed with 5 ppm in diet for 30 days. No effect on testis weight (Table 1).
Rat dams were i.p. injected with 1 mg/kg of Aroclor 1221 on GD16, PND1, and PND4 (continuous dose conversion = 3mg/
Rat dams were i.p. injected with 1 mg/kg of Aroclor 1221 on GD16, PND1, and PND4 (continuous dose conversion = 3mg/
Rat dams were i.p. injected with 1 mg/kg of Aroclor 1221 on GD16, PND1, and PND4 (continuous dose conversion = 3mg/
Rat dams were i.p. injected with 1 mg/kg of Aroclor 1221 on GD16, PND1, and PND4 (continuous dose conversion = 3mg/
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Rat dams were i.p. injected with 1 mg/kg of Aroclor 1221 on GD16, PND1, and PND4 (continuous dose conversion = 3mg/

22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
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22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
52	0.9	0.312	0.066	5	56 COMPLETE
52	0.9	0.312	0.066	5	56 COMPLETE
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22	0.9	0.094	0.154	10	21 COMPLETE
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52	0.9	0.312	0.066	5	56 COMPLETE
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22	0.9	0.094	0.154	10	21 COMPLETE
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22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
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Ahmad et al.	2003	1418554
Ahmad et al.	2003	1418554
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Ahmad et al.	2003	1418554
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Venkataraman et al.	2004	1418753
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Hallgren et al.	2001	1442712
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Hallgren et al.	2001	1442712
Hallgren et al.	2001	1442712
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Murk et al.	1991	1442766
Murk et al.	1991	1442766
Murk et al.	1991	1442766

histopathology: testes, epididymis, prostate, seminal vesicles
testicular diameter
plasma testosterone
histopathological findings: spermiogenesis
serum T3, T4, TSH
serum testosterone, estradiol
serum T3, T4, TSH
ventral prostatic weight
serum testosterone, estradiol
serum T3, T4, TSH
epididymal histopathology
cauda epididymis weight
serum testosterone, estradiol
epididymal sperm count, motility, motile epididymal sperm counts
food consumption
serotonin (5-HT) concentrations in the brainstem and frontal cortex
absolute and relative testis weight
serum T3, T4, TSH
adrenal weight
adrenal weight
serum triiodothyronine
serum triiodothyronine
thyroid weight
thyroid weight
liver weight
liver weight
ovary weight, uterus weight
ovary weight, uterus weight
total T4, free T4, total T3, free T3, TSH
thyroid weight
liver weight
plasma TT4, FT4, TSH
plasma TT4, FT4, TSH
EROD, PROD, MROD activity
EROD, PROD, MROD activity
liver somatic index
liver somatic index
hepatic vitamin A levels
hepatic vitamin A levels
thymus and spleen somatic indices
thymus and spleen somatic indices
plasma total thyroxin (TT4)
thyroid histopathology
cytochrome P450, EROD, PROD
liver histopathology
liver weight
hepatic retinol levels

Reproductive Organ Histopathology (M)	Reproductive
Reproductive Organ Size/Weight (M)	Reproductive
Sex Hormone Levels (M)	Reproductive
Sperm/semen parameters	Reproductive
HPT Hormones	Endocrine
Sex Hormone Levels (M)	Reproductive
HPT Hormones	Endocrine
Reproductive Organ Size/Weight (M)	Reproductive
Sex Hormone Levels (M)	Reproductive
HPT Hormones	Endocrine
Reproductive Organ Histopathology (M)	Reproductive
Reproductive Organ Size/Weight (M)	Reproductive
Sex Hormone Levels (M)	Reproductive
Sperm/semen parameters	Reproductive
Digestive System Complaints/Diseases	Gastrointestinal
Neurotransmitter levels	Nervous System
Reproductive Organ Size/Weight (M)	Reproductive
HPT Hormones	Endocrine
Adrenal Weight	Endocrine
Adrenal Weight	Endocrine
HPT Hormones	Endocrine
HPT Hormones	Endocrine
Thyroid Size/Weight	Endocrine
Thyroid Size/Weight	Endocrine
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Reproductive Organ Size/Weight (F)	Reproductive
Reproductive Organ Size/Weight (F)	Reproductive
HPT Hormones	Endocrine
Thyroid Size/Weight	Endocrine
Liver Weight/Hepatomegaly	Hepatobiliary
HPT Hormones	Endocrine
HPT Hormones	Endocrine
Liver Enzyme Induction	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Micronutrients	Hepatobiliary
Micronutrients	Hepatobiliary
Immune Organ Size/Weight	Immune System
Immune Organ Size/Weight	Immune System
HPT Hormones	Endocrine
Thyroid Histopathology	Endocrine
Liver Enzyme Induction	Hepatobiliary
Liver Histopathology	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Micronutrients	Hepatobiliary

Aroclor 1242
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Rhesus monkey	Oral-capsule	Primary
Rhesus monkey	Oral-capsule	Primary
Rhesus monkey	Oral-capsule	Primary
Rhesus monkey	Oral-capsule	Primary
Rat	Injection-ip	Primary
Rat	Injection-ip	Primary
Rat	Injection-ip	Primary
Rat	Injection-ip	Primary
Rat	Injection-ip	Primary
Rat	Injection-ip	Primary
Rat	Injection-ip	Primary
Rat	Injection-ip	Primary
Rat	Injection-ip	Primary
Rat	Injection-ip	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Injection-ip	Primary
Rat	Injection-ip	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Mouse	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Mouse	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Mouse	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Mouse	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Mouse	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Mouse	Injection-ip	Primary
Mouse	Injection-ip	Primary
Mouse	Injection-ip	Primary
Mouse	Injection-ip	Primary
Mouse	Injection-ip	Primary
Mouse	Injection-ip	Primary

	2190	183
	2190	183
	2190	183
	2190	183
	90	30
	90	30
	90	30
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	90	30
	90	15
	90	15
	90	15
	90	30
	90	30
	31.5	1
	90	30
NR (160-200g, male)		1
NR (225g female)		202
NR (225g female)		45
NR (225g female)		213
NR (225-250g)		3
NR (225-250g)		21
NR (225-250g)		21
	49	14
	49	14
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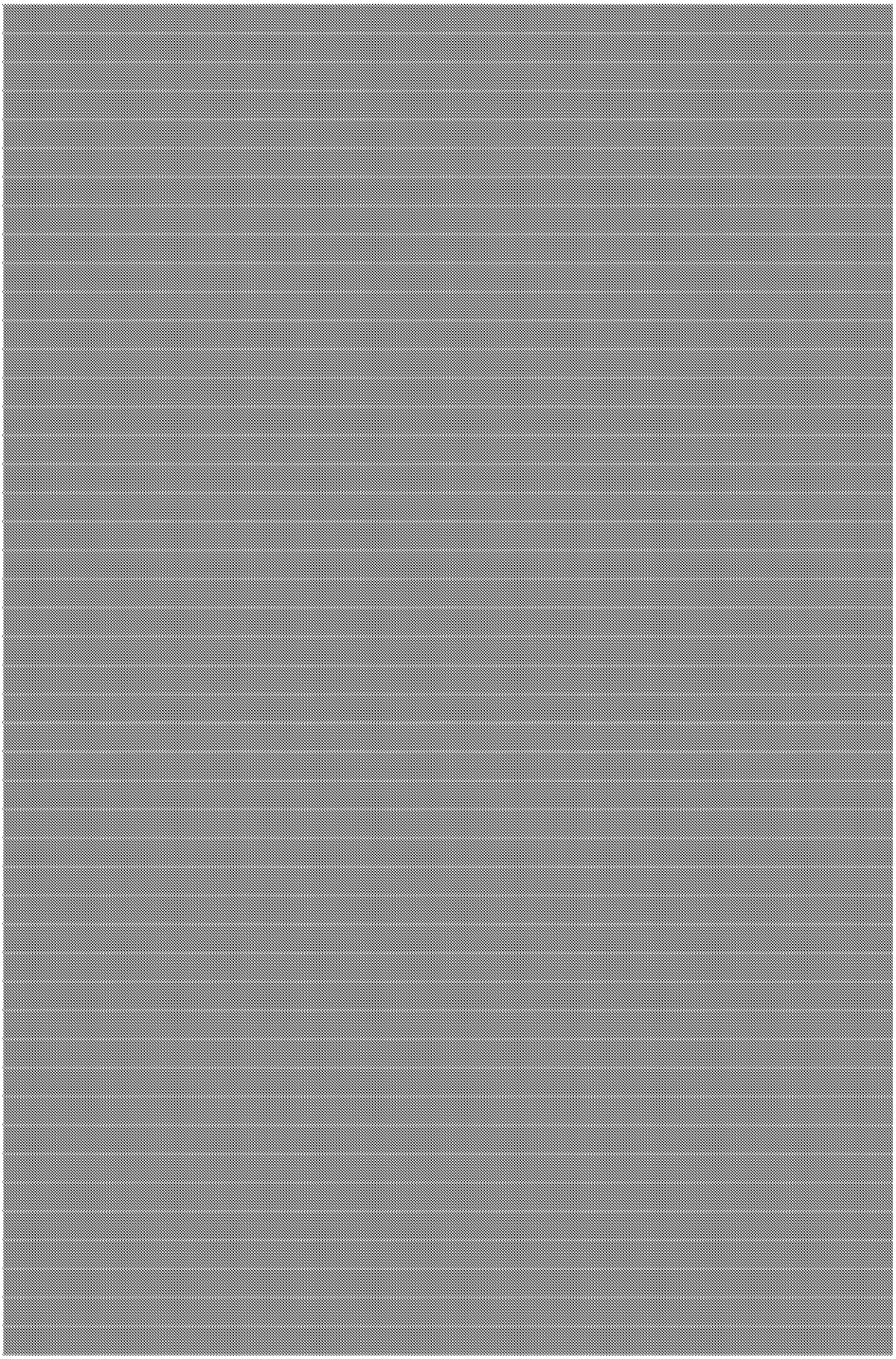

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0	330	330
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0	100	100
1	50	50
1	50	50
1	50	50
1	250	250
1	250	250
1	250	250
0	10	10
0	10	10
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0	50	200
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N/A	0.2		
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N/A	50		

Male rhesus monkeys (5-7 years old) given A1242 at 200ug/kg for 6 months. Significant changes in histopath (p273-274)
Male rhesus monkeys (5-7 years old) given A1242 at 200ug/kg for 6 months. Significant decrease in testicular diameter (
Male rhesus monkeys (5-7 years old) given A1242 at 200ug/kg for 6 months. "The mean testosterone levels of Aroclor 12
Male rhesus monkeys (5-7 years old) given A1242 at 200ug/kg for 6 months. "The process of spermiogenesis was charact
90 day old male rats were i.p. injected with 2 mg/kg/d of Aroclor 1254 for 30 days. 24 hours after the last injection, rats v
90 day old male rats were i.p. injected with 2 mg/kg/d of Aroclor 1254 for 30 days. 24 hours after the last injection, rats v
Adult male rats (90 days old) were i.p. injected with 2 mg/kg-day of Aroclor 1254 for 30 days. Rats were euthanized 24 hc
Adult male rats (90 days old) were i.p. injected with 2 mg/kg-day of Aroclor 1254 for 30 days. Rats were euthanized 24 hc
Adult male rats (90 days old) were i.p. injected with 2 mg/kg-day of Aroclor 1254 for 30 days. Rats were euthanized 24 hc
Adult male rats (90 days old) were i.p. injected with 200 ug/kg-day of Aroclor 1254 for either 15 or 30 days. Authors repo
Adult male rats (90 days old) were i.p. injected with 200 ug/kg-day of Aroclor 1254 for either 15 or 30 days. Authors repo
Adult male rats (90 days old) were i.p. injected with 200 ug/kg-day of Aroclor 1254 for either 15 or 30 days. Authors repo
Adult male rats (90 days old) were i.p. injected with 200 ug/kg-day of Aroclor 1254 for either 15 or 30 days. Authors repo
Adult male rats (90 days old) were i.p. injected with 200 ug/kg-day of Aroclor 1254 for either 15 or 30 days. Authors repo
Single dose to adolescent male rats (0.33 mg/g bw = 330 mg/kg bw). Starting age 4-5 wk (assume 31.5 d). Endpoint evalu
Single dose to adolescent male rats (0.33 mg/g bw = 330 mg/kg bw). Starting age 4-5 wk (assume 31.5 d). Endpoint evalu
Adult male rats (90 days) were injected ip with 2 mg/kg-day for 30 days. LOAEL is based on signficantly decreased absolu
Male rats (160-200g) were given a single i.p. injection of 100mg/kg of Kanechlor 500. 4 days later, rats were euthanized.
Female rats (age NR, 225g) were dosed with 50 ppm in diet for approximately 7 months with Aroclor 1242. No significan
Female rats (age NR, 225g) were dosed with 50 ppm in diet for approximately 7 months with Aroclor 1254. No significan
Female rats (age NR, 225g) were dosed with 50 ppm in diet for approximately 7 months with Aroclor 1242. Serum T3 sigr
Female rats (age NR, 225g) were dosed with 50 ppm in diet for approximately 7 months with Aroclor 1254. Serum T3 sig
Female rats (age NR, 225g) were dosed with 50 ppm in diet for approximately 7 months with Aroclor 1242. Treatment di
Female rats (age NR, 225g) were dosed with 50 ppm in diet for approximately 7 months with Aroclor 1254. Treatment di
Female rats (age NR, 225g) were dosed with 50 ppm in diet for approximately 7 months with Aroclor 1242. Treatment di
Female rats (age NR, 225g) were dosed with 50 ppm in diet for approximately 7 months with Aroclor 1254. Treatment di
Female rats (age NR, 225g) were dosed with 50 ppm in diet for approximately 7 months with Aroclor 1242. No significan
Female rats (age NR, 225g) were dosed with 50 ppm in diet for approximately 7 months with Aroclor 1254. Ovarian weig
Male rats fed diet containing 250 ppm A1254 for 21 days. Significant change in T3 and T4 by day 3 (p11-12, Figs 3-6, 8). N
Male rats fed diet containing 250 ppm A1254 for 21 days. Significant increase in thyroid weight (p12, Fig 9). No data on fc
Male rats fed diet containing 250 ppm A1254 for 21 days. Significant increase in liver weight (p11). No data on food intak
7 week old mice given oral gavage of 10 mg/kg of Aroclor 1254 for 14 days. Total and free thyroxine significantly differen
7 week old rats given oral gavage of 10 mg/kg of Aroclor 1254 for 14 days. Total and free thyroxine significantly different
7 week old mice given oral gavage of 10 mg/kg of Aroclor 1254 for 14 days. Significant change in enzyme induction for all
7 week old rats given oral gavage of 10 mg/kg of Aroclor 1254 for 14 days. Significant change in enzyme induction for ER
7 week old mice given oral gavage of 10 mg/kg of Aroclor 1254 for 14 days. Liver somatic index significantly different vs c
7 week old rats given oral gavage of 10 mg/kg of Aroclor 1254 for 14 days. Liver somatic index significantly different vs cc
7 week old mice given oral gavage of 10 mg/kg of Aroclor 1254 for 14 days. Concentration of vitamin A in liver significant
7 week old rats given oral gavage of 10 mg/kg of Aroclor 1254 for 14 days. Concentration of vitamin A in liver significantl
7 week old mice given oral gavage of 10 mg/kg of Aroclor 1254 for 14 days. No significant differences in thymus or spleer
7 week old rats given oral gavage of 10 mg/kg of Aroclor 1254 for 14 days. No significant differences in thymus or spleen
10 week old mice injected ip with 50 or 200 mg/kg bw Aroclor 1254. Significant change at both doses in T4 after 7 days in
10 week old mice injected ip with 50 or 200 mg/kg bw Aroclor 1254. Authors do not mention significant effects on thyroi
10 week old mice injected ip with 50 or 200 mg/kg bw Aroclor 1254. Hepatic enzymes altered at both doses in C57BL/6 m
10 week old mice injected ip with 50 or 200 mg/kg bw Aroclor 1254. Authors do not mention significant effects on liver h
10 week old mice injected ip with 50 or 200 mg/kg bw Aroclor 1254. Significant change in absolute liver weight at both d
10 week old mice injected ip with 50 or 200 mg/kg bw Aroclor 1254. Significant change in hepatic retinol in both doses in

168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
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Kato et al.	2007	1442779
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Backlin and Bergman	1992	1482578
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Backlin and Bergman	1992	1482578
Backlin and Bergman	1992	1482578
Backlin and Bergman	1992	1482578
Bergman et al.	1992	1482579
Bergman et al.	1992	1482579
Bergman et al.	1992	1482579
Bergman et al.	1992	1482579
Hakansson et al.	1992	1482580
Hakansson et al.	1992	1482580
Bennett et al.	1938	1482916
Bennett et al.	1938	1482916
Edqvist et al.	1992	1486360
Edqvist et al.	1992	1486360
Edqvist et al.	1992	1486360
Edqvist et al.	1992	1486360
Edqvist et al.	1992	1486360
Edqvist et al.	1992	1486360
Edqvist et al.	1992	1486360
Edqvist et al.	1992	1486360
Edqvist et al.	1992	1486360
Edqvist et al.	1992	1486360
Edqvist et al.	1992	1486360
Edqvist et al.	1992	1486360
Hu et al.	2012	1509275
Hu et al.	2012	1509275
Hu et al.	2012	1509275
Hu et al.	2012	1509275
Hu et al.	2012	1509275
Hu et al.	2012	1509275
Hu et al.	2012	1509275
Martin et al.	2012	1510306
Martin et al.	2012	1510306
Martin et al.	2012	1510306
Martin et al.	2012	1510306
Martin et al.	2012	1510306
Martin et al.	2012	1510306
Martin et al.	2012	1510306
Martin et al.	2012	1510306
Uslu et al.	2013	1800330

serum total T4, free T4, total T3, TSH
activity of hepatic microsomal 7-benzyloxyresorufin O-dealkylase, 7-pentoxyresorufin O-dealkylase, and 7-ethoxyresoruf
liver weight
fetal death
fetal death
ovulation
ovulation
mean number of placental sites
mean number of placental sites
ovary weight
ovary weight
liver histological changes (including hemosiderosis of kupffer cells, polymorphonuclear cells in the liver, mononucelar cel
liver histological changes (including hemosiderosis of kupffer cells, polymorphonuclear cells in the liver, mononucelar cel
localization of fatty changes in hepatocytes
localization of fatty changes in hepatocytes
liver vitamin A contents
liver vitamin A contents
morphology, pigmentation, necrosis, hyaline degeneration
liver weight
urinary hemoglobin
urinary hemoglobin
S-cholesterol
S-cholesterol
alanine aminotransferase (S-ALAT), aspartate aminotransferase (S-ASAT), alakaline phosphatase (S-ALP), glutamate dehy
alanine aminotransferase (S-ALAT), aspartate aminotransferase (S-ASAT), alakaline phosphatase (S-ALP), glutamate dehy
blood and urinary glucose
blood and urinary glucose
blood urea
blood urea
urea, creatinine, density, sediment
urea, creatinine, density, sediment
hematocrit, hemogloblin level, red blood cell counts
EROD, MROD, BROD, PROD activity in liver
small foci of hepatic mononuclear cells
thymus wt
WBC count
histologic evaluation of the nasal passages and trachea
focal tubular degeneration with casts, epithelial hyperplasia in kidney
serum T3, T4
serum T3, T4
bile flow
bile flow
hepatic UDP-UGT activity
hepatic UDP-UGT activity
relative liver weight
relative liver weight
uterus histopathology

HPT Hormones	Endocrine
Liver Enzyme Induction	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Offspring Mortality	Developmental
Offspring Mortality	Developmental
Ovulation	Reproductive
Ovulation	Reproductive
Pregnancy/conception rate	Reproductive
Pregnancy/conception rate	Reproductive
Reproductive Organ Size/Weight (F)	Reproductive
Reproductive Organ Size/Weight (F)	Reproductive
Liver Histopathology	Hepatobiliary
Liver Histopathology	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Micronutrients	Hepatobiliary
Micronutrients	Hepatobiliary
Liver Histopathology	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Red Blood Cells/Hemoglobin	Hematopoietic
Red Blood Cells/Hemoglobin	Hematopoietic
Cholesterol	Hepatobiliary
Cholesterol	Hepatobiliary
Serum Biomarkers of Liver Health & Function	Hepatobiliary
Serum Biomarkers of Liver Health & Function	Hepatobiliary
Blood/Urinary Glucose	Metabolic
Blood/Urinary Glucose	Metabolic
Serum Biomarkers of Renal Function	Urinary System
Serum Biomarkers of Renal Function	Urinary System
Urinalysis	Urinary System
Urinalysis	Urinary System
Red Blood Cells/Hemoglobin	Hematopoietic
Liver Enzyme Induction	Hepatobiliary
Liver Histopathology	Hepatobiliary
Immune Organ Size/Weight	Immune System
White Blood Cell (WBC) Counts	Immune System
Pulmonary Histopathology	Respiratory
Kidney Histopathology	Urinary System
HPT Hormones	Endocrine
HPT Hormones	Endocrine
Bile Acid Content/Excretion	Hepatobiliary
Bile Acid Content/Excretion	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Reproductive Organ Histopathology (F)	Reproductive

Kanechlor 500
Kanechlor 500
Kanechlor 500
Clophen A50
Aroclor 1254
Clophen A50
Aroclor 1254
Clophen A50
Aroclor 1254
Clophen A50
Aroclor 1254
Aroclor 1254
Clophen A50
Aroclor 1254
Clophen A50
Clophen A50
Aroclor 1254
PCBs
PCBs
Clophen A50
Aroclor 1254
Clophen A50
Aroclor 1254
Clophen A50
Aroclor 1254
Clophen A50
Aroclor 1254
Clophen A50
Aroclor 1254
Clophen A50
Aroclor 1254
Chicago Air Mixture
Chicago Air Mixture
Chicago Air Mixture
Chicago Air Mixture
Chicago Air Mixture
Chicago Air Mixture
Chicago Air Mixture
Aroclor 1242
Aroclor 1254
Aroclor 1242
Aroclor 1254
Aroclor 1242
Aroclor 1254
Aroclor 1242
Aroclor 1254
Aroclor 1221

Rat	Injection-ip	Primary
Rat	Injection-ip	Primary
Rat	Injection-ip	Primary
Mink	Oral-diet	Secondary
Mink	Oral-diet	Secondary
Mink	Oral-diet	Primary
Mink	Oral-diet	Primary
Mink	Oral-diet	Primary
Mink	Oral-diet	Primary
Mink	Oral-diet	Primary
Mink	Oral-diet	Primary
Mink	Oral-diet	Primary
Mink	Oral-diet	Primary
Mink	Oral-diet	Primary
Mink	Oral-diet	Primary
Mink	Oral-diet	Primary
Mink	Oral-diet	Primary
Rat	InhalationOral-diet	
Rat	InhalationOral-diet	
Mink	Oral-diet	Primary
Mink	Oral-diet	Primary
Mink	Oral-diet	Primary
Mink	Oral-diet	Primary
Mink	Oral-diet	Primary
Mink	Oral-diet	Primary
Mink	Oral-diet	Primary
Mink	Oral-diet	Primary
Mink	Oral-diet	Primary
Mink	Oral-diet	Primary
Mink	Oral-diet	Primary
Mink	Oral-diet	Primary
Rat	Inhalation	Primary
Rat	Inhalation	Primary
Rat	Inhalation	Primary
Rat	Inhalation	Primary
Rat	Inhalation	Primary
Rat	Inhalation	Primary
Rat	Inhalation	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Injection-sc	Primary

NR (160-260 g)		10		
NR (160-260 g)		10		
NR (160-260 g)		10		
			no	5
			no	5
	365	79		
	730	84		
	365	79		
	730	84		
	730	84		
>730		53		
	730	84		
>730		53		
>730		53		
NR		28		
NR		28		
NR (225-250 g males)		7		
NR (225-250 g males)		7		
NR (225-250 g males)		7		
NR (225-250 g males)		7		
NR (225-250 g males)		7		
NR (225-250 g males)		7		
NR (225-250 g males)		7		
	20	3		

-37	52 N/A	N/A	0
-29	52 N/A	N/A	0

		0	10	10
		0	10	10
		0	10	10
52	3	0	2	2
52	3	0	1.64	1.64
		0	1.64	1.64
		0	2	2
		0	1.64	1.64
		0	2	2
		0	2	2
		0	1.64	1.64
		0	2	2
		0	1.64	1.64
		0	1.64	1.64
		0	0.02	0.02
		0	0.02	0.02
		0	32	32
		0	32	32
		0	32	32
		0	32	32
		0	32	32
		0	32	32
		0	32	32
		0	10	10

N/A	10		
N/A	10		
N/A	10		
N/A	2	N/A	
N/A	1.64	N/A	
			N/A
			N/A
			N/A
			N/A
			N/A
			N/A
N/A	1.64		
N/A	2		
N/A	1.64		
N/A	2		
N/A	2		
			N/A
			N/A
			N/A
			N/A
N/A	1.64		
N/A	2		
N/A	1.64		
			N/A
N/A	1.64		
			N/A
			N/A
			N/A
			N/A
N/A	0.02		
			N/A
			N/A
N/A	0.02		
			N/A
			N/A
			N/A
N/A	32		
N/A	32		
N/A	32		
			N/A
N/A	32		
N/A	32		
N/A	32		
N/A	32		
N/A	10		

Male rats (Wistar and Gunn) dosed ip with 10 mg/kg Kanechlor 500 for 10 days. Significant change in T3 and T4 (p1952, F
Male rats (Wistar and Gunn) dosed ip with 10 mg/kg Kanechlor 500 for 10 days. Significant change in hepatic microsomal
Male rats (Wistar and Gunn) dosed ip with 10 mg/kg Kanechlor 500 for 10 days. Significant change in liver weight (p1953
2-year-old female mink were dosed with 2 mg/day beginning on 2/8/1988; mating period began 3/16/1988. Dose = 2 mg
1-year-old female mink were dosed with 1.64 mg/day beginning on 2/16/1989; mating period began 3/16/1989. Dose =
2-year-old female mink were dosed with 2 mg/day beginning on 2/8/1988; mating period began 3/16/1988. Dose = 2 mg
1-year-old female mink were dosed with 1.64 mg/day beginning on 2/16/1989; mating period began 3/16/1989. Dose =
2-year-old female mink were dosed with 2 mg/day beginning on 2/8/1988; mating period began 3/16/1988. Dose = 2 mg
1-year-old female mink were dosed with 1.64 mg/day beginning on 2/16/1989; mating period began 3/16/1989. Dose =
2-year-old female mink were dosed with 2 mg/day beginning on 2/8/1988; mating period began 3/16/1988. Dose = 2 mg
1-year-old female mink were dosed with 1.64 mg/day beginning on 2/16/1989; mating period began 3/16/1989. Dose =
1-year-old female mink were dosed with 1.64 mg/day beginning on 2/16/1989; exposure duration ranged from 79-94 d.
2-year-old female mink were dosed with 2 mg/day beginning on 2/8/1988; exposure duration ranged from 84-96 d. Dose
1-year-old female mink were dosed with 1.64 mg/day beginning on 2/16/1989; exposure duration ranged from 79-94 d.
2-year-old female mink were dosed with 2 mg/day beginning on 2/8/1988; exposure duration ranged from 84-96 d. Dose
2-year-old female mink were dosed with 2 mg/day beginning on 2/8/1988 (experimental details reported by {Kihlstrom,
1-year-old female mink were dosed with 1.64 mg/day beginning on 2/16/1989 (experimental details reported by {Kihlstr

2-year-old female mink were dosed with 2 mg/day beginning on 2/8/1988 (experimental details reported by {Kihlstrom,
1-year-old female mink were dosed with 1.64 mg/day beginning on 2/16/1989 (experimental details reported by {Kihlstr
2-year-old female mink were dosed with 2 mg/day beginning on 2/8/1988 (experimental details reported by {Kihlstrom,
>2-year-old female mink were dosed with 1.64 mg/day beginning on 2/15/1990; exposure duration ranged from 53-69 d
2-year-old female mink were dosed with 2 mg/day beginning on 2/8/1988 (experimental details reported by {Kihlstrom,
>2-year-old female mink were dosed with 1.64 mg/day beginning on 2/15/1990; exposure duration ranged from 53-69 d
2-year-old female mink were dosed with 2 mg/day beginning on 2/8/1988 (experimental details reported by {Kihlstrom,
>2-year-old female mink were dosed with 1.64 mg/day beginning on 2/15/1990; exposure duration ranged from 53-69 d
2-year-old female mink were dosed with 2 mg/day beginning on 2/8/1988 (experimental details reported by {Kihlstrom,
1-year-old female mink were dosed with 1.64 mg/day beginning on 2/16/1989 (experimental details reported by {Kihlstr
2-year-old female mink were dosed with 2 mg/day beginning on 2/8/1988 (experimental details reported by {Kihlstrom,
1-year-old female mink were dosed with 1.64 mg/day beginning on 2/16/1989 (experimental details reported by {Kihlstr
Female rats dosed via nose-only inhalation exposure of 520 ± 10 µg/m3 for 2 h/day in the first week and 1.5 h/day for th
Female rats dosed via nose-only inhalation exposure of 520 ± 10 µg/m3 for 2 h/day in the first week and 1.5 h/day for th
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Female rats dosed via nose-only inhalation exposure of 520 ± 10 µg/m3 for 2 h/day in the first week and 1.5 h/day for th
Male rats oral-gavaged with Aroclor 1242 or 1254 for 7 days and euthanized 24 hours after last dose. Serum T4 and T3 w
Male rats oral-gavaged with Aroclor 1242 or 1254 for 7 days and euthanized 24 hours after last dose. Serum T4 and T3 w
Male rats oral-gavaged with Aroclor 1242 or 1254 for 7 days and euthanized 24 hours after last dose. "Only Aroclor-1242
Male rats oral-gavaged with Aroclor 1242 or 1254 for 7 days and euthanized 24 hours after last dose. "Only Aroclor-1242
Male rats oral-gavaged with Aroclor 1242 or 1254 for 7 days and euthanized 24 hours after last dose. The activity of UGT
Male rats oral-gavaged with Aroclor 1242 or 1254 for 7 days and euthanized 24 hours after last dose. The activity of UGT
Male rats oral-gavaged with Aroclor 1242 or 1254 for 7 days and euthanized 24 hours after last dose. Liver weight was af
Male rats oral-gavaged with Aroclor 1242 or 1254 for 7 days and euthanized 24 hours after last dose. Liver weight was af
20 day old female rats dosed via subcutaneous injection with 10 mg/kg of Aroclor 1221 for 3 days and euthanized 24 hou

22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
52	0.9	0.312	0.066	5	56 COMPLETE
52	0.9	0.312	0.066	5	56 COMPLETE
52	0.9	0.312	0.066	5	56 COMPLETE
52	0.9	0.312	0.066	5	56 COMPLETE
52	0.9	0.312	0.066	5	56 COMPLETE
52	0.9	0.312	0.066	5	56 COMPLETE
52	0.9	0.312	0.066	5	56 COMPLETE
52	0.9	0.312	0.066	5	56 COMPLETE
52	0.9	0.312	0.066	5	56 COMPLETE
52	0.9	0.312	0.066	5	56 COMPLETE
52	0.9	0.312	0.066	5	56 COMPLETE
52	0.9	0.312	0.066	5	56 COMPLETE
52	0.9	0.312	0.066	5	56 COMPLETE
52	0.9	0.312	0.066	5	56 COMPLETE
22	0.9	0.094	0.154	10	21 NONE
22	0.9	0.094	0.154	10	21 NONE
52	0.9	0.312	0.066	5	56 COMPLETE
52	0.9	0.312	0.066	5	56 COMPLETE
52	0.9	0.312	0.066	5	56 COMPLETE
52	0.9	0.312	0.066	5	56 COMPLETE
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52	0.9	0.312	0.066	5	56 COMPLETE
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52	0.9	0.312	0.066	5	56 COMPLETE
52	0.9	0.312	0.066	5	56 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
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22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE

Chelsea
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Uslu et al.	2013	1800330
Uslu et al.	2013	1800330
Jacob et al.	1981	2125390
Robinson et al.	1975	2142111
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Walker et al.	2014	2149404
Walker et al.	2014	2149404
Walker et al.	2014	2149404
Walker et al.	2014	2149404
Walker et al.	2014	2149404
Walker et al.	2014	2149404
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Gray et al.	2013	2149612
Gray et al.	2013	2149612
Gray et al.	2013	2149612
Gray et al.	2013	2149612
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Walker et al.	2013	2149949
Walker et al.	2013	2149949
Walker et al.	2013	2149949
Walker et al.	2013	2149949
Walker et al.	2013	2149949
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uterus weight
serum LH and FSH levels
liver microsomal cytochrome p450, time course of benz[a]anthracene metabolism, profile of benz[a]anthracene metabol
aryl hydrocarbon hydroxylase activity, cytochrome P450 concentration
anogenital distance
age at eye opening
pup weight
adrenal weights
pituitary weights
estrous cyclicity
pubertal timing (female)
pubertal timing (male)
uterine weight, GSI
GSI (m)
serum LH, T, E (f)
serum LH, T, E (m)
relative liver weight
adipose tissue weights
blood glucose
glucose tolerance
plasma insulin
insulin tolerance
brain histopathology
learning and memory in the 8-arm radial maze
open field test
plasma neurotransmitter levels
epididymal histopathology
epididymal weight
locomotor activity (beam breaks)
litter size, offspring mortality
offspring body weight
% of animals with regular estrous cycles
offspring body weight
adrenal weight
pituitary weight
length of estrous cycles
uterus weights
GSI
serum LH, estradiol (f)
serum LH, testosterone, estradiol (m)
histopathology of testes and accessory sex organs
testicular volume
serum testosterone levels
spermatagonia in testis
brain histology
liver mitochondrial aminopyrine demethylase
serum testosterone

Reproductive Organ Size/Weight (F)	Reproductive
Sex Hormone Levels (F)	Reproductive
Liver Enzyme Induction	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Anogenital Distance	Reproductive
Developmental Milestones	Developmental
Weight and Size (Early Life)	Developmental
Adrenal Weight	Endocrine
Pituitary Weight	Endocrine
Estrous/Menstrual Cycle	Reproductive
Pubertal Development (F)	Reproductive
Pubertal Development (M)	Reproductive
Reproductive Organ Size/Weight (F)	Reproductive
Reproductive Organ Size/Weight (M)	Reproductive
Sex Hormone Levels (F)	Reproductive
Sex Hormone Levels (M)	Reproductive
Liver Weight/Hepatomegaly	Hepatobiliary
Adipose Tissue Size/Weight	Metabolic
Blood/Urinary Glucose	Metabolic
Impaired Glucose Tolerance	Metabolic
Insulin Levels	Metabolic
Insulin Resistance	Metabolic
Brain Weight & Histopathology	Nervous System
Cognitive function	Nervous System
Emotional state/affective behavior	Nervous System
Neurotransmitter levels	Nervous System
Reproductive Organ Histopathology (M)	Reproductive
Reproductive Organ Size/Weight (M)	Reproductive
Motor Function/Development	Nervous System
Offspring Mortality	Developmental
Weight and Size (Early Life)	Developmental
Estrous/Menstrual Cycle	Reproductive
Weight and Size (Early Life)	Developmental
Adrenal Weight	Endocrine
Pituitary Weight	Endocrine
Estrous/Menstrual Cycle	Reproductive
Reproductive Organ Size/Weight (F)	Reproductive
Reproductive Organ Size/Weight (M)	Reproductive
Sex Hormone Levels (F)	Reproductive
Sex Hormone Levels (M)	Reproductive
Reproductive Organ Histopathology (M)	Reproductive
Reproductive Organ Size/Weight (M)	Reproductive
Sex Hormone Levels (M)	Reproductive
Sperm/semen parameters	Reproductive
Brain Weight & Histopathology	Nervous System
Liver Enzyme Induction	Hepatobiliary
Sex Hormone Levels (M)	Reproductive

Aroclor 1221
Aroclor 1221
PCBs
Aroclor 1254
Aroclor 1221
Aroclor 1221
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Aroclor 1221
Aroclor 1221
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Aroclor 1254
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Aroclor 1254
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Aroclor 1254
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Fox River PCB mixture
Aroclor 1254
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Aroclor 1221
Aroclor 1254
Aroclor 1254
Aroclor 1254
Aroclor 1254
Aroclor 1254
Aroclor 1254
Aroclor 1248

Rat	Injection-sc	Primary
Rat	Injection-sc	Primary
Rat	Injection-ip	Primary
Mouse	Injection-ip	Primary
Rat	Injection-ip	Secondary
Rat	Injection-ip	Secondary
Rat	Injection-ip	Secondary
Rat	Injection-ip	Secondary
Rat	Injection-ip	Secondary
Rat	Injection-ip	Secondary
Rat	Injection-ip	Secondary
Rat	Injection-ip	Secondary
Rat	Injection-ip	Secondary
Rat	Injection-ip	Secondary
Rat	Injection-ip	Secondary
Rat	Injection-ip	Secondary
Rat	Injection-ip	Secondary
Mouse	Oral-gavage	Primary
Mouse	Oral-gavage	Primary
Mouse	Oral-gavage	Primary
Mouse	Oral-gavage	Primary
Mouse	Oral-gavage	Primary
Mouse	Oral-gavage	Primary
Rat	Injection-ip	Primary
Rat	Injection-ip	Primary
Rat	Injection-ip	Primary
Rat	Injection-ip	Primary
Rat	Injection-ip	Primary
Rat	Injection-ip	Primary
Rat	Oral-cookie	Secondary
Rat	Injection-sc	Secondary
Rat	Injection-sc	Secondary
Rat	Injection-sc	Secondary
Rat	Injection-ip	Secondary
Rat	Injection-ip	Secondary
Rat	Injection-ip	Secondary
Rat	Injection-ip	Secondary
Rat	Injection-ip	Secondary
Rat	Injection-ip	Secondary
Rat	Injection-ip	Secondary
Rat	Injection-ip	Secondary
Rhesus Monkey	Oral-capsule	Primary
Rhesus Monkey	Oral-capsule	Primary
Rhesus Monkey	Oral-capsule	Primary
Rhesus Monkey	Oral-capsule	Primary
Rat	Injection-ip	Primary
Mouse	Injection-ip	Primary
Rat	Injection-ip	Primary

NR (150-160g males)		1	
	52.5	4	
			no 10
			no 10
			no 10
			no 10
	65	140	
	65	140	
	65	140	
	65	140	
	90	30	
	90	30	
	90	30	
	90	30	
	60	30	
	60	30	
			no 10
			no 10
			no 10
			no 10
			no 10
	2190	182.5	
	2190	182.5	
	2190	182.5	
	90	30	
	304.167	1	
NR ("around 3 mo old")		1	

16	18	N/A	N/A	15
16	18	N/A	N/A	21
16	18	N/A	N/A	21
16	18	N/A	N/A	15
-28	43	N/A	N/A	21
10	18	N/A	N/A	21
16	18	N/A	N/A	21
16	18	N/A	N/A	21
16	18	N/A	N/A	21

		0	200	200
		0	500	500
37	2	0	0.67	0.67
52	2	0	0.67	0.67
64	2	0	0.67	0.67
37	2	0	0.67	0.67
		0	5.143	5.143
		0	5.143	5.143
		0	5.143	5.143
		0	5.143	5.143
		0	2	2
		0	2	2
		0	2	2
		0	2	2
		0	2	2
		0	2	2
97	2	0	3	6
143	2	0	10	30
295.75	2	0	0.67	0.67
295.75	2	0	0.67	0.67
295.75	2	0	0.67	0.67
		0	0.2	0.2
		0	0.2	0.2
		0	0.2	0.2
		0	2	2
		0	500	500
		0	10	10

			N/A
			N/A
N/A	200		
N/A	500		
			N/A
N/A	0.67	N/A	
			N/A
N/A	0.67	N/A	
			N/A
			N/A
			N/A
N/A	0.67	N/A	
			N/A
			N/A
			N/A
N/A	0.67	N/A	
			N/A
N/A	5.143		
N/A	5.143		
			N/A
N/A	5.143		
N/A	5.143		
N/A	2		
N/A	2		
N/A	2		
N/A	2		
N/A	2		
N/A	2		
N/A	3	N/A	
			N/A
			N/A
N/A	10	N/A	
			N/A
			N/A
			N/A
N/A	0.67	N/A	
			N/A
			N/A
N/A	0.67	N/A	
N/A	0.67	N/A	
N/A	0.2		
N/A	0.2		
			N/A
N/A	0.2		
N/A	2		
N/A	500		
N/A	10		

20 day old female rats dosed via subcutaneous injection with 10 mg/kg of Aroclor 1221 for 3 days and euthanized 24 hou
20 day old female rats dosed via subcutaneous injection with 10 mg/kg of Aroclor 1221 for 3 days and euthanized 24 hou
150-160g male rats dosed with IP injection with 200 mg/mL of PCBs at a volume of 1mL/kg of body weight. Rats were inj
"Forty-eight hours after a single intraperitoneal dose of β-naphthoflavone...zoxazolamine...was administered intraperito
Rats dosed with 1mg/kg/day on GD16 and GD18, total 2mg/kg over 3 days = 0.067mg/kg/day; litter size NR, use default;
Rats dosed with 1mg/kg/day on GD16 and GD18, total 2mg/kg over 3 days = 0.067mg/kg/day; litter size NR, use default;
Rats dosed with 1mg/kg/day on GD16 and GD18, total 2mg/kg over 3 days = 0.067mg/kg/day; litter size NR, use default;
Rats dosed with 1mg/kg/day on GD16 and GD18, total 2mg/kg over 3 days = 0.067mg/kg/day; litter size NR, use default;
Rats dosed with 1mg/kg/day on GD16 and GD18, total 2mg/kg over 3 days = 0.067mg/kg/day; litter size NR, use default;
Rats dosed with 1mg/kg/day on GD16 and GD18, total 2mg/kg over 3 days = 0.067mg/kg/day; litter size NR, use default;
Rats dosed with 1mg/kg/day on GD16 and GD18, total 2mg/kg over 3 days = 0.067mg/kg/day; litter size NR, use default;
Rats dosed with 1mg/kg/day on GD16 and GD18, total 2mg/kg over 3 days = 0.067mg/kg/day; litter size NR, use default;
Rats dosed with 1mg/kg/day on GD16 and GD18, total 2mg/kg over 3 days = 0.067mg/kg/day; litter size NR, use default;
Rats dosed with 1mg/kg/day on GD16 and GD18, total 2mg/kg over 3 days = 0.067mg/kg/day; litter size NR, use default;
Rats dosed with 1mg/kg/day on GD16 and GD18, total 2mg/kg over 3 days = 0.067mg/kg/day; litter size NR, use default;
Rats dosed with 1mg/kg/day on GD16 and GD18, total 2mg/kg over 3 days = 0.067mg/kg/day; litter size NR, use default;
"Four-week-old female C57B/6 mice were randomly assigned to four experimental groups...All mice were allowed to acc
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"Four-week-old female C57B/6 mice were randomly assigned to four experimental groups...All mice were allowed to acc
N/A
N/A
N/A
N/A
Adult male rats were injected with 2 mg/kg-day ip for 30 days. LOAEL is based on histopathological changes in epididymis
Adult male rats were injected with 2 mg/kg-day ip for 30 days. LOAEL is based on decreased relative epididymal weight (
Rat dams exposed 28 d prior to mating and continuing until pups were weaned on PND 21. Litter size NR; use default. Litt
Rats were dosed with 10mg/kg/day from GD 10-18. "During postnatal development until adulthood, no general toxic effe
Rats were dosed with 10mg/kg/day from GD 10-18. "During postnatal development until adulthood, no general toxic effe
Rat dams were injected with 0, 10, or 30 mg/kg-day from GD 10-18, and estrous cyclicity was evaluated in F1 females at P
"When analyzing the treatment effects within the aged males, we found that treatment had no effect on body weight...(T
No significant effect of treatment on adrenal weight in aging males (Table 1).
"When analyzing the treatment effects within the aged males, we found that treatment had no effect on...pituitary weigh
Rats dosed with 1mg/kg/day on GD16 and GD18, total 2mg/kg over 3 days = 0.67mg/kg/day; Litter size reported to be 6-
"In females, few effects of treatment were observed on...uterine weight (Figure 1)."
"When analyzing the treatment effects within the aged males, we found that treatment had no effect on...gonad weight..
Rats dosed with 1mg/kg/day on GD16 and GD18, total 2mg/kg over 3 days = 0.67mg/kg/day; Litter size reported to be 6-
Rats dosed with 1mg/kg/day on GD16 and GD18, total 2mg/kg over 3 days = 0.67mg/kg/day; Litter size reported to be 6-
Adult male rhesus monkeys (5-7 years old) were dosed with 200 ug/kg-day for 6 months. LOAEL is based on histopatholo
Adult male rhesus monkeys (5-7 years old) were dosed with 200 ug/kg-day for 6 months. LOAEL is based on significantly
Adult male rhesus monkeys (5-7 years old) were dosed with 200 ug/kg-day for 6 months. Text states that there was no ef
Adult male rhesus monkeys (5-7 years old) were dosed with 200 ug/kg-day for 6 months. LOAEL is based on cessation of
Adult male rats dosed for 30 d; 90 d of age. Authors report neurodegeneration in PCB exposed rats.
10 month old mice ip injected with a single dose of 500 mg/kg of Aroclor 1254.
Adult male rats dosed with single dose via ip injection of 10 mg/kg Aroclor 1248. Also included a group of adult male rats

22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 NONE
18	0.9	0.229	0.264	6	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE

Geniece
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Miller et al.	2010	2152705
Baumann et al.	1983	2153457
Baumann et al.	1983	2153457
Baumann et al.	1983	2153457
Baumann et al.	1983	2153457
Baumann et al.	1983	2153457
Baumann et al.	1983	2153457
Baumann et al.	1983	2153457
Baumann et al.	1983	2153457
Baumann et al.	1983	2153457
Baumann et al.	1983	2153457
Baumann et al.	1983	2153457
Baumann et al.	1983	2153457
Baumann et al.	1983	2153457
Berdanier et al.	1975	2153835
Berdanier et al.	1975	2153835
Berdanier et al.	1975	2153835
Berdanier et al.	1975	2153835
Berdanier et al.	1975	2153835
Borlak et al.	1996	2154830
Borlak et al.	1996	2154830
Borlak et al.	1996	2154830
Borlak et al.	1996	2154830
Branchi et al.	2005	2155131
Branchi et al.	2005	2155131
Branchi et al.	2005	2155131
Branchi et al.	2005	2155131
Branchi et al.	2005	2155131
Branchi et al.	2005	2155131
Branchi et al.	2005	2155131
Branchi et al.	2005	2155131
Branchi et al.	2005	2155131
Branchi et al.	2005	2155131
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Bruckner et al.	1974	2155504
Bruckner et al.	1974	2155504
Bruckner et al.	1974	2155504
Bruckner et al.	1974	2155504
Bruckner et al.	1974	2155504
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Bruckner et al.	1974	2155504
Bruckner et al.	1974	2155504
Bruckner et al.	1974	2155504
Bruckner et al.	1974	2155504
Bruckner et al.	1974	2155504

serum T4
hemoglobin content, hematocrit value, erythrocyte count, and mean cell volume
serum triglycerides
serum cholesterol
histopathology of liver
fatty changes in liver
liver weight
total porphyrins in urine
serum SGOT, SGPT, bilirubin
leucocyte count
kidney histopathology
kidney weight
serum creatinin, serum urea
plasma fatty acids
liver lipids
liver weight
serum glucose
serum insulin
maternal hepatic cytochrome P-450, cytochrome b5, and cytochrome-c-(P-450) reductase, CYP1A1, CYP1A2, CYP2A1, CYP
neonatal hepatic cytochrome P-450, cytochrome b5, and cytochrome-c-(P-450) reductase, CYP1A1, CYP1A2, CYP2A1, CYP
maternal liver weight
neonatal liver weight
litter size, litter number
litter size, litter number
sex ratio
sex ratio
pup weight at birth, pup body weight gain
pup weight at birth, pup body weight gain
serum T4
open field activity (habituation, thigmotaxis)
gestation length
gestation length
adrenal histopathology
plasma corticosteroids
Hb concentration, MCHC, hematocrit, RBC count, RBC diameter
hepatic microsomal enzymatic parameters (hydroxylation activity, N-demethylation activity, cytochrome P450, cytochrom
liver histopathology
liver histopathology (sudanophilic vacuolation)
urinary coproporphyrin
serum bilirubin
spleen histopathology
leucocyte counts
blood glucose, urinary sugars
kidney histopathology
blood urea nitrogen
urinary excretion of protein
urine volume

HPT Hormones	Endocrine
Red Blood Cells/Hemoglobin	Hematopoietic
Blood Triglycerides	Hepatobiliary
Cholesterol	Hepatobiliary
Liver Histopathology	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Porphyrins	Hepatobiliary
Serum Biomarkers of Liver Health & Function	Hepatobiliary
White Blood Cell (WBC) Counts	Immune System
Kidney Histopathology	Urinary System
Kidney Weight	Urinary System
Serum Biomarkers of Renal Function	Urinary System
Blood Triglycerides	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Blood/Urinary Glucose	Metabolic
Insulin Levels	Metabolic
Liver Enzyme Induction	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Offspring mortality	Developmental
Offspring mortality	Developmental
Sex ratio	Reproductive
Sex ratio	Reproductive
Weight and size (early life)	Developmental
Weight and size (early life)	Developmental
HPT hormones	Endocrine
Emotional state/affective behavior	Nervous System
Gestation Duration/Preterm Birth	Reproductive
Gestation Duration/Preterm Birth	Reproductive
Adrenal Histopathology	Endocrine
HPA Hormones	Endocrine
Red Blood Cells/Hemoglobin	Hematopoietic
Liver Enzyme Induction	Hepatobiliary
Liver Histopathology	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Porphyrins	Hepatobiliary
Serum Biomarkers of Liver Health & Function	Hepatobiliary
Immune Organ Histopathology	Immune System
White Blood Cell (WBC) Counts	Immune System
Blood/Urinary Glucose	Metabolic
Kidney Histopathology	Urinary System
Serum Biomarkers of Renal Function	Urinary System
Urinalysis	Urinary System
Urine Output	Urinary System

Fox River PCB mixture
Clophen A50
Clophen A50
Clophen A50
Clophen A50
Clophen A50
Clophen A50
Clophen A50
Clophen A50
Clophen A50
Clophen A50
Clophen A50
Clophen A50
Aroclor 1254
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Aroclor 1242
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Aroclor 1242
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Aroclor 1242

Rat	Oral-cookie	Secondary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Injection-ip	Primary
Rat	Injection-ip	Secondary
Rat	Injection-ip	Primary
Rat	Injection-ip	Secondary
Mouse	Oral-gavage	Secondary
Mouse	Oral-syringe	Secondary
Mouse	Oral-gavage	Secondary
Mouse	Oral-syringe	Secondary
Mouse	Oral-gavage	Secondary
Mouse	Oral-syringe	Secondary
Mouse	Oral-gavage/syringe	Secondary
Mouse	Oral-gavage/syringe	Secondary
Mouse	Oral-gavage	Primary
Mouse	Oral-syringe	Primary
Rat	Injection-ip	Primary
Rat	Injection-ip	Primary
Rat	Injection-ip	Primary
Rat	Injection-ip	Primary
Rat	Injection-ip	Primary
Rat	Injection-ip	Primary
Rat	Injection-ip	Primary
Rat	Injection-ip	Primary
Rat	Injection-ip	Primary
Rat	Injection-ip	Primary
Rat	Injection-ip	Primary
Rat	Injection-ip	Primary
Rat	Injection-ip	Primary
Rat	Injection-ip	Primary
Rat	Injection-ip	Primary

		no	10
NR (100 g)	42		
NR (100 g)	42		
NR (100 g)	42		
NR (100 g)	42		
NR (100 g)	42		
NR (100 g)	42		
NR (100 g)	42		
NR (52 g male)	28		
NR (52 g male)	28		
NR (52 g male)	28		
NR (52 g male)	7		
NR (52 g male)	28		
NR (175 g females)	1		
		no	10
NR (175 g females)	1		
		no	10
		no	6
		no	6
		no	6
NR (male SD rats; about 150 g bw)	70		
NR (male SD rats; about 150 g bw)	70		
NR (male SD rats; about 250-300g bw)	1		
NR (male SD rats; about 150 g bw)	70		
NR (male SD rats; about 150 g bw)	70		
NR (male SD rats; about 150 g bw)	70		
NR (male SD rats; about 150 g bw)	70		
NR (male SD rats; about 150 g bw)	70		
NR (male SD rats; about 150 g bw)	70		
NR (male SD rats; about 150 g bw)	70		

6	29	N/A	N/A	7
[redacted]				
23	23	N/A	N/A	4
[redacted]				
23	23	N/A	N/A	14
6	32	N/A	N/A	14
6	39	N/A	N/A	21
6	39	N/A	N/A	21
[redacted]				

29	2	0	3	18
		0	0.57	71.43
		0	0.57	71.43
		0	0.57	71.43
		0	0.57	71.43
		0	0.57	71.43
		0	0.57	71.43
		0	0.57	71.43
		0	0.84	39.2
		0	0.84	39.2
		0	0.84	39.2
		0	1.3	65
		0	0.84	39.2
		0	100	250
26	4	0	100	250
		0	100	250
36	4	0	100	250
32	2	0	10	10
40	2	0	10	10
108	2	0	10	10
		0	22.86	22.86
		0	22.86	22.86
		0	1	100
		0	22.86	22.86
		0	22.86	22.86
		0	22.86	22.86
		0	22.86	22.86
		0	22.86	22.86
		0	22.86	22.86
		0	22.86	22.86

N/A		3	N/A	
	2.86	14.29		
	2.86	14.29		
N/A		0.57		
N/A		0.57		
N/A		0.57		
	2.86	14.29		
				N/A
	2.86	14.29		
				N/A
				N/A
				N/A
				N/A
	0.84	39.2		
	0.84	39.2		
N/A		0.84		
	1.3	65		
	39.2	N/A		N/A
N/A		100		
N/A		100	N/A	
N/A		100		
N/A		100	N/A	
				N/A
				N/A
				N/A
				N/A
N/A		10	N/A	
				N/A
N/A		10	N/A	
N/A		10	N/A	
				N/A
				N/A
				N/A
N/A		22.86		
N/A		22.86		
	1	5		
N/A		22.86		
N/A		22.86		
N/A		22.86		
				N/A
				N/A
N/A		22.86		
N/A		22.86		
N/A		22.86		
				N/A
N/A		22.86		
				N/A

Rat dams dosed with 3, 6, or 18 mg/kg PCBs on a cookie, given from GD6 through weaning. Litter size 8-14 pups (average
Male rats dosed 2x weekly for 6 weeks with 2, 10, 50, 150, or 250 mg/kg Clophen A50. Converted to continuous dosing: C
Male rats dosed 2x weekly for 6 weeks with 2, 10, 50, 150, or 250 mg/kg Clophen A50. Converted to continuous dosing: C
Male rats dosed 2x weekly for 6 weeks with 2, 10, 50, 150, or 250 mg/kg Clophen A50. Converted to continuous dosing: C
Male rats dosed 2x weekly for 6 weeks with 2, 10, 50, 150, or 250 mg/kg Clophen A50. Converted to continuous dosing: C
Male rats dosed 2x weekly for 6 weeks with 2, 10, 50, 150, or 250 mg/kg Clophen A50. Converted to continuous dosing: C
Male rats dosed 2x weekly for 6 weeks with 2, 10, 50, 150, or 250 mg/kg Clophen A50. Converted to continuous dosing: C
Male rats dosed 2x weekly for 6 weeks with 2, 10, 50, 150, or 250 mg/kg Clophen A50. Converted to continuous dosing: C
Male rats dosed 2x weekly for 6 weeks with 2, 10, 50, 150, or 250 mg/kg Clophen A50. Converted to continuous dosing: C
Male rats dosed 2x weekly for 6 weeks with 2, 10, 50, 150, or 250 mg/kg Clophen A50. Converted to continuous dosing: C
Male rats dosed 2x weekly for 6 weeks with 2, 10, 50, 150, or 250 mg/kg Clophen A50. Converted to continuous dosing: C
Male rats dosed 2x weekly for 6 weeks with 2, 10, 50, 150, or 250 mg/kg Clophen A50. Converted to continuous dosing: C
Male rats dosed 2x weekly for 6 weeks with 2, 10, 50, 150, or 250 mg/kg Clophen A50. Converted to continuous dosing: C
Weanling rats were fed diets with 10 or 500 ppm Aroclor 1254 for 28 days. Average initial body weight of 52 g reported i
Weanling rats were fed diets with 10 or 500 ppm Aroclor 1254 for 28 days. Average initial body weight of 52 g reported i
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Weanling rats were fed diets with 10 or 500 ppm Aroclor 1254 for 28 days. Average initial body weight of 52 g reported i
Rats average weight of 175g were mated and dosed via a single ip injection with either 100mg/kg or 250mg/kg on the fir
Rats average weight of 175g were mated and dosed via a single ip injection with either 100mg/kg or 250mg/kg on the fir
Rats average weight of 175g were mated and dosed via a single ip injection with either 100mg/kg or 250mg/kg on the fir
Rats average weight of 175g were mated and dosed via a single ip injection with either 100mg/kg or 250mg/kg on the fir

Mouse dams exposed GD6-PND21; pup weight altered by PND14Litter size NR; use default value

Mouse dams exposed GD6-PND21; T4 levels altered at PND22Litter size NR; use default value
Mouse dams exposed GD6-PND21; open field habituation and locomotion altered at PND90Litter size NR; use default val
Mouse dams were dosed with 10 mg/kg-day from GD 6 - PND 1 either by oral gavage or self-administration (drinking fro
Mouse dams were dosed with 10 mg/kg-day from GD 6 - PND 1 either by oral gavage or self-administration (drinking fro
Male rats dosed with 100 mg/kg A1242 2x weekly for 6 weeks then 1x weekly for 4 weeks, for a total reported dose of 1.
Male rats dosed with 100 mg/kg A1242 2x weekly for 6 weeks then 1x weekly for 4 weeks, for a total reported dose of 1.
Male rats dosed with 100 mg/kg A1242 2x weekly for 6 weeks then 1x weekly for 4 weeks, for a total reported dose of 1.
Rats given single dose of 1, 5, 25, 50, or 100 mg/kg A1242. "Hydroxylation activity showed a small increase in response to
Male rats dosed with 100 mg/kg A1242 2x weekly for 6 weeks then 1x weekly for 4 weeks, for a total reported dose of 1.
Male rats dosed with 100 mg/kg A1242 2x weekly for 6 weeks then 1x weekly for 4 weeks, for a total reported dose of 1.
Male rats dosed with 100 mg/kg A1242 2x weekly for 6 weeks then 1x weekly for 4 weeks, for a total reported dose of 1.
Male rats dosed with 100 mg/kg A1242 2x weekly for 6 weeks then 1x weekly for 4 weeks, for a total reported dose of 1.
Male rats dosed with 100 mg/kg A1242 2x weekly for 6 weeks then 1x weekly for 4 weeks, for a total reported dose of 1.
Male rats dosed with 100 mg/kg A1242 2x weekly for 6 weeks then 1x weekly for 4 weeks, for a total reported dose of 1.
Male rats dosed with 100 mg/kg A1242 2x weekly for 6 weeks then 1x weekly for 4 weeks, for a total reported dose of 1.
Male rats dosed with 100 mg/kg A1242 2x weekly for 6 weeks then 1x weekly for 4 weeks, for a total reported dose of 1.
Male rats dosed with 100 mg/kg A1242 2x weekly for 6 weeks then 1x weekly for 4 weeks, for a total reported dose of 1.
Male rats dosed with 100 mg/kg A1242 2x weekly for 6 weeks then 1x weekly for 4 weeks, for a total reported dose of 1.
Male rats dosed with 100 mg/kg A1242 2x weekly for 6 weeks then 1x weekly for 4 weeks, for a total reported dose of 1.

22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
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22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
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18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
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22	0.9	0.094	0.154	10	21 COMPLETE
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22	0.9	0.094	0.154	10	21 COMPLETE

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Carter and Mercer	1984	2156506
Carter and Clancey	1980	2156512
Carter and Clancey	1980	2156512
Carter and Clancey	1980	2156512
Carter	1983	2156515
Cecil et al.	1973	2156654
Cecil et al.	1973	2156654
Cecil et al.	1973	2156654
Lee et al.	2007	2157496
Lee et al.	2007	2157496
Lee et al.	2007	2157496
Lee et al.	2007	2157496
Lee et al.	2007	2157496
Lee et al.	2007	2157496
Lee et al.	2007	2157496
Lee et al.	2007	2157496
Lee et al.	2007	2157496
Chu et al.	2005	2157748
Chu et al.	2005	2157748
Chu et al.	2005	2157748

liver weight
ability of spleen cells to induce GVHR
spleen cellularity, differential leukocyte count (spleen)
spleen weight
relative wet liver weight
liver lipids
liver weight
liver vitamin A concentration
litter size, offspring mortality, pre- and post- implantation loss, number resorptions
sex ratio
estrous cyclicity
number of implantation sites, number of pregnancy index
number of corpora lutea
number of implantation sites, number of pregnancy index
timing of vaginal opening, age of first vaginal estrus
mating index
mating index
heart weight
abnormalities
terminal body weight
ileum histopathology
serum cholesterol (P0)
serum cholesterol (F1)
hepatic EROD, PROD, BROD
mottled liver, liver histopathology
liver weight
serum alkaline phosphatase, alanine aminotransferase, lactate dehydrogenase (P0)
serum alkaline phosphatase, alanine aminotransferase, lactate dehydrogenase (F1)
spleen and thymus histopathology
thymus and spleen weight
serum glucose (P0)
serum glucose (F1)
brain weight
uterus weight, ovary weight
testes weight, epididymis weight
sperm function
hydronephrosis
kidney weight
serum urea nitrogen, uric acid (P0)
serum urea nitrogen, uric acid (F1)
serum T4
thyroid histopathology
total erythrocyte count
hepatic ethoxyresorufin O-dealkylase activity
hepatic iron
hepatic porphyrins
hypothalamus weight

Liver Weight/Hepatomegaly	Hepatobiliary
Ex Vivo WBC Function	Immune System
Immune Organ Histopathology	Immune System
Immune Organ Size/Weight	Immune System
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Micronutrients	Hepatobiliary
Offspring Mortality	Developmental
Sex Ratio	Reproductive
Estrous/Menstrual Cycle	Reproductive
Male fertility	Reproductive
Ovulation	Reproductive
Pregnancy/conception rate	Reproductive
Pubertal Development (F)	Reproductive
Sexual behavior (F)	Reproductive
Sexual behavior (M)	Reproductive
Heart Size/Weight	Cardiovascular
Birth Defects	Developmental
Weight and Size (Early Life)	Developmental
Gastrointestinal Histopathology	Gastrointestinal
Cholesterol	Hepatobiliary
Cholesterol	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Liver Histopathology	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Serum Biomarkers of Liver Health & Function	Hepatobiliary
Serum Biomarkers of Liver Health & Function	Hepatobiliary
Immune Organ Histopathology	Immune System
Immune Organ Size/Weight	Immune System
Blood/Urinary Glucose	Metabolic
Blood/Urinary Glucose	Metabolic
Brain Weight & Histopathology	Nervous System
Reproductive Organ Size/Weight (F)	Reproductive
Reproductive Organ Size/Weight (M)	Reproductive
Sperm/semen parameters	Reproductive
Kidney Histopathology	Urinary System
Kidney Weight	Urinary System
Serum Biomarkers of Renal Function	Urinary System
Serum Biomarkers of Renal Function	Urinary System
HPT Hormones	Endocrine
Thyroid Histopathology	Endocrine
Red Blood Cells/Hemoglobin	Hematopoietic
Liver Enzyme Induction	Hepatobiliary
Micronutrients	Hepatobiliary
Porphyrins	Hepatobiliary
Brain Weight & Histopathology	Nervous System

Aroclor 1254
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Rat	Oral-diet	Primary
Mouse	Injection-ip	Primary
Mouse	Injection-ip	Primary
Mouse	Injection-ip	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-gavage	Secondary
Rat	Oral-gavage	Secondary
Rat	Oral-gavage	Secondary
Rat	Oral-gavage	Secondary
Rat	Oral-gavage	Secondary
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Rat	Oral-cookie	Secondary
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Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Primary
Rat	Oral-cookie	Secondary
Rat	Oral-diet	
Rat	Oral-diet	
Rat	Injection-ip	Primary
Mouse	Injection-ip	Primary
Mouse	Injection-ip	Primary
Mouse	Injection-ip	Primary
Rat	Injection-ip	Primary

	33	10		
	56	1		
	56	1		
	56	1		
	39	4		
	21	60.833		
	21	60.833		
	21	60.833		
			yes	8.7
			no	10
			no	10
			no	10
			no	10
			no	10
			no	10
			no	10
			no	10
			no	10
			no	10
NR (200-230 g female)		44		
			no	10
			no	10
			no	10
			no	10
			no	10
			no	10
			no	10
			no	10
			no	10
			no	10
			no	10
			no	10
NR (261.2 g males)		1		
	71	1		
	71	1		
	90	30		

-94	-63	N/A	N/A	0
8	39	N/A	N/A	21
8	39	N/A	N/A	21
8	39	N/A	N/A	21
8	39	N/A	N/A	21
8	39	N/A	N/A	21
8	39	N/A	N/A	21
8	39	N/A	N/A	21
1	45	N/A	N/A	23
1	45	N/A	N/A	23
1	45	N/A	N/A	23
1	45	N/A	N/A	23
1	45	N/A	N/A	23
1	45	N/A	N/A	23
1	45	N/A	N/A	23
1	45	N/A	N/A	23
1	45	N/A	N/A	23
1	45	N/A	N/A	23
1	45	N/A	N/A	23
1	45	N/A	N/A	23
1	45	N/A	N/A	23
1	45	N/A	N/A	23
1	45	N/A	N/A	23

		0	1.84	1.84
		0	1000	1000
		0	1000	1000
		0	1000	1000
		0	1.5	1.5
		1	100	100
		1	100	100
		1	100	100
19	3	0	50	50
88	2	0	10	50
102	2	0	50	50
102	2	0	50	50
102	2	0	50	50
50.1	2	0	10	50
102	2	0	50	50
102	2	0	50	50
57	2	0	15	15
57	2	0	15	15
57	2	0	15	15
		0	15	15
57	2	0	15	15
57	2	0	15	15
57	2	0	15	15
57	2	0	15	15
92	2	0	15	15
92	2	0	15	15
57	2	0	15	15
57	2	0	15	15
57	2	0	15	15
57	2	0	15	15
57	2	0	15	15
57	2	0	15	15
		0	10	50
		0	191.4	191.4
		0	191.4	191.4
		0	2	2

N/A	1.84		
N/A	1000		
N/A	1000		
N/A	1000		
N/A	1.5		
N/A	100		
N/A	100		
N/A	100		
N/A	50	N/A	
			N/A
N/A	10	N/A	
N/A	50	N/A	
N/A	50	N/A	
N/A	50	N/A	
N/A	10	N/A	
N/A	50	N/A	
N/A	50	N/A	
N/A	15	N/A	
			N/A
N/A	15	N/A	
N/A	15	N/A	
N/A	15		
N/A	15	N/A	
N/A	15	N/A	
N/A	15	N/A	
N/A	15	N/A	
			N/A
N/A	15	N/A	
N/A	15	N/A	
N/A	15	N/A	
			N/A
			N/A
N/A	15	N/A	
N/A	15	N/A	
N/A	15	N/A	
			N/A
			N/A
N/A	15	N/A	
			N/A
N/A	15	N/A	
N/A	10		
N/A	191.4		
N/A	191.4		
			N/A
N/A	2		

Rats were fed a diet containing 20 ppm of Aroclor 1254 for 10 days and then sacrificed. "Male Fischer rats 28 days old...w
7-9 week old mice were ip injected once with 1000 mg/kg of Aroclor 1242. For the GVHR, spleen cells were taken from ex
7-9 week old mice were ip injected once with 1000 mg/kg of Aroclor 1242. Spleen cellularity and splenic cell differentials
7-9 week old mice were ip injected once with 1000 mg/kg of Aroclor 1242. "...on day six the relative spleen weight of ani
Rats were fed a diet containing 20ppm Aroclor 1254 for either 1, 2, 4, 8, or 14 days. "The rats were...acclimated...for five
21d old rats were fed a diet containing 100ppm Aroclor 1242 for 2 months (converted to days by calculating 2m X (365d/
21d old rats were fed a diet containing 100ppm Aroclor 1242 for 2 months (converted to days by calculating 2m X (365d/
21d old rats were fed a diet containing 100ppm Aroclor 1242 for 2 months (converted to days by calculating 2m X (365d/
Pregnant rats were dosed from GD8 to PND21 via oral gavage with 50 mg/kg/day of Aroclor 1254. F1 offspring were mat
Pregnant rats were dosed from GD8 to PND21 via oral gavage with 50 mg/kg/day of Aroclor 1254. F1 offspring were mat
Pregnant rats were dosed from GD8 to PND21 via oral gavage with 10 or 50 mg/kg/day of Aroclor 1254. Estrous cyclicity
Pregnant rats were dosed from GD8 to PND21 via oral gavage with 50 mg/kg/day of Aroclor 1254. F1 offspring were mat
Pregnant rats were dosed from GD8 to PND21 via oral gavage with 50 mg/kg/day of Aroclor 1254. F1 offspring were mat
Pregnant rats were dosed from GD8 to PND21 via oral gavage with 50 mg/kg/day of Aroclor 1254. F1 offspring were mat
Pregnant rats were dosed from GD8 to PND21 via oral gavage with 10 or 50 mg/kg/day of Aroclor 1254. Timing of vagina
Pregnant rats were dosed from GD8 to PND21 via oral gavage with 50 mg/kg/day of Aroclor 1254. F1 offspring were mat
Pregnant rats were dosed from GD8 to PND21 via oral gavage with 50 mg/kg/day of Aroclor 1254. F1 offspring were mat
Rat dams dosed with 15 mg/kg-day from GD 1 - PND 23. Litters culled to 8 pups at PND 4; use default litter size. Significa
Rat dams dosed with 15 mg/kg-day from GD 1 - PND 23. Litters culled to 8 pups at PND 4; use default litter size. No abnor
Rat dams dosed with 15 mg/kg-day from GD 1 - PND 23. Litters culled to 8 pups at PND 4; use default litter size. Significa
Rat dams dosed with 15 mg/kg-day from GD 1 - PND 23. Litters culled to 8 pups at PND 4; use default litter size. "few app
Rat dams dosed with 15 mg/kg-day from GD 1 - PND 23. Litters culled to 8 pups at PND 4; use default litter size. Significa
Rat dams dosed with 15 mg/kg-day from GD 1 - PND 23. Litters culled to 8 pups at PND 4; use default litter size. Significa
Rat dams dosed with 15 mg/kg-day from GD 1 - PND 23. Litters culled to 8 pups at PND 4; use default litter size. Significar
Rat dams dosed with 15 mg/kg-day from GD 1 - PND 23. Litters culled to 8 pups at PND 4; use default litter size. Increased
Rat dams dosed with 15 mg/kg-day from GD 1 - PND 23. Litters culled to 8 pups at PND 4; use default litter size. Significa
Rat dams dosed with 15 mg/kg-day from GD 1 - PND 23. Litters culled to 8 pups at PND 4; use default litter size. No signif
Rat dams dosed with 15 mg/kg-day from GD 1 - PND 23. Litters culled to 8 pups at PND 4; use default litter size. Significa
Rat dams dosed with 15 mg/kg-day from GD 1 - PND 23. Litters culled to 8 pups at PND 4; use default litter size. Significar
Rat dams dosed with 15 mg/kg-day from GD 1 - PND 23. Litters culled to 8 pups at PND 4; use default litter size. Significa
Rat dams dosed with 15 mg/kg-day from GD 1 - PND 23. Litters culled to 8 pups at PND 4; use default litter size. No chan
Rat dams dosed with 15 mg/kg-day from GD 1 - PND 23. Litters culled to 8 pups at PND 4; use default litter size. No chan
Rat dams dosed with 15 mg/kg-day from GD 1 - PND 23. Litters culled to 8 pups at PND 4; use default litter size. LOAEL ba
Rat dams dosed with 15 mg/kg-day from GD 1 - PND 23. Litters culled to 8 pups at PND 4; use default litter size. LOAEL ba
Rat dams dosed with 15 mg/kg-day from GD 1 - PND 23. Litters culled to 8 pups at PND 4; use default litter size. LOAEL ba
Rat dams dosed with 15 mg/kg-day from GD 1 - PND 23. Litters culled to 8 pups at PND 4. Text says no effect on sperm fu
Rat dams dosed with 15 mg/kg-day from GD 1 - PND 23. Litters culled to 8 pups at PND 4; use default litter size. Observed
Rat dams dosed with 15 mg/kg-day from GD 1 - PND 23. Litters culled to 8 pups at PND 4; use default litter size. Left kidn
Rat dams dosed with 15 mg/kg-day from GD 1 - PND 23. Litters culled to 8 pups at PND 4; use default litter size. No chang
Rat dams dosed with 15 mg/kg-day from GD 1 - PND 23. Litters culled to 8 pups at PND 4; use default litter size. Significar

single IP dose, outcome measured after 15 days; results reported in Table 1
Mice "older than 10 weeks post-weaning" were dosed with a single ip injection of "4mg [of Aroclor 1254] in 0.4mL". Sex a
Mice "older than 10 weeks post-weaning" were dosed with a single ip injection of "4mg [of Aroclor 1254] in 0.4mL". Sex a
Mice "older than 10 weeks post-weaning" were dosed with a single ip injection of "4mg [of Aroclor 1254] in 0.4mL". No s
Adult male rats (90 d of age) were injected with 2 mg/kg-day ip for 30 d. LOAEL is based on altered hypothalamus weight

22	0.9	0.094	0.154	10	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
22	0.9	0.094	0.154	10

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Kim et al.	2001	2165827
Kim et al.	2001	2165827
Kim et al.	2001	2165827
Kim et al.	2001	2165827
Kim et al.	2001	2165827
Kim et al.	2001	2165827
Kim et al.	2001	2165827
Kim et al.	2001	2165827
Kim et al.	2001	2165827
Kim	2001	2166250
Kim	2001	2166250
Kim	2001	2166250
Kim	2001	2166250
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Kim	2001	2166250
Kim	2001	2166250
Kim	2001	2166250
Kim	2001	2166250
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Mochizuki et al.	2001	2166306
Mochizuki et al.	2001	2166306
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Nieminen et al.	2000	2166345
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Hitomi and Yoshida	1991	2166444
Hitomi and Yoshida	1991	2166444
Hitomi and Yoshida	1991	2166444
Hitomi and Yoshida	1989	2166445
Hitomi and Yoshida	1989	2166445
Hitomi and Yoshida	1989	2166445
Hitomi and Yoshida	1989	2166445

serum LH, FSH
offspring mortality
time to pregnancy (sperm positive vaginal smear)
serum T3, T4
serum T3, T4
thyroid histopathology
thyroid histopathology
adrenal weight
plasma corticosterone, diurnal variation in plasma corticosterone levels
food consumption
serum T3, T4, TSH
ventral prostatic weight
serum testosterone and estradiol
body weight at 90 days
body weight at 90 days
serum T3, T4
serum T3, T4
testis histopathology
testis histopathology
testis weight
testis weight
serum testosterone, serum LH
serum testosterone, serum LH
weaning pup weight, weight of offspring at adulthood
weaning pup weight, weight of offspring at adulthood
serum T4
serum T4
sertoli cell number
sertoli cell number
testis weights
testis weights
sperm production
sperm production
serum triglyceride and phospholipid
liver and serum cholesterol
liver total lipids
liver weight
thyroxin
BMI, plasma leptin
liver content of cytochrome P450 and the activities of aminopyrine N-demethylase, 7-ethoxycoumarin O-deethylase and
liver weight
liver ascorbic acid
urinary urea
fecal bile acids
liver, plasma, and carcass cholesterol
liver total lipids
liver weight

Sex Hormone Levels (M)	Reproductive
Offspring mortality	Developmental
Time-to-Pregnancy & Couple/Pair Fertility	Reproductive
HPT Hormones	Endocrine
HPT Hormones	Endocrine
Thyroid Histopathology	Endocrine
Thyroid Histopathology	Endocrine
Adrenal Weight	Endocrine
HPA Hormones	Endocrine
Digestive System Complaints/Diseases	Gastrointestinal
HPT Hormones	Endocrine
Reproductive Organ Size/Weight (M)	Reproductive
Sex Hormone Levels (M)	Reproductive
Weight and Size (Early Life)	Developmental
Weight and Size (Early Life)	Developmental
HPT Hormones	Endocrine
HPT Hormones	Endocrine
Reproductive Organ Histopathology (M)	Reproductive
Reproductive Organ Histopathology (M)	Reproductive
Reproductive Organ Size/Weight (M)	Reproductive
Reproductive Organ Size/Weight (M)	Reproductive
Sex Hormone Levels (M)	Reproductive
Sex Hormone Levels (M)	Reproductive
Weight and Size (Early Life)	Developmental
Weight and Size (Early Life)	Developmental
HPT Hormones	Endocrine
HPT Hormones	Endocrine
Reproductive Organ Histopathology (M)	Reproductive
Reproductive Organ Histopathology (M)	Reproductive
Reproductive Organ Size/Weight (M)	Reproductive
Reproductive Organ Size/Weight (M)	Reproductive
Sperm/semen parameters	Reproductive
Sperm/semen parameters	Reproductive
Blood Triglycerides	Hepatobiliary
Cholesterol	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
HPT Hormones	Endocrine
BMI/Obesity/Waist Circumference	Metabolic
Liver Enzyme Induction	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Micronutrients	Hepatobiliary
Urinalysis	Urinary System
Bile Acid Content/Excretion	Hepatobiliary
Cholesterol	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary

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Rat	Injection-ip	Primary
Rat	Oral-diet	Secondary
Rat	Oral-diet	Secondary
Rat	Injection-sc	Primary
Rat	Injection-sc	Primary
Rat	Injection-sc	Primary
Rat	Injection-sc	Primary
Rat	Injection-ip	Primary
Rat	Injection-ip	Primary
Rat	Injection-ip	Primary
Rat	Injection-ip	Primary
Rat	Injection-ip	Primary
Rat	Injection-ip	Primary
Rat	Injection-sc	Secondary
Rat	Injection-sc	Secondary
Rat	Injection-sc	Secondary
Rat	Injection-sc	Secondary
Rat	Injection-sc	Secondary
Rat	Injection-sc	Secondary
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Rat	Injection-sc	Secondary
Rat	Injection-sc	Secondary
Rat	Injection-sc	Secondary
Rat	Injection-sc	Secondary
Rat	Injection-sc	Secondary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Mink	Oral-diet	Primary
Mink	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary

	90	30		
			yes	10
			no	10
NR (adult 200-220g)		42		
NR (adult 200-220g)		42		
NR (adult 200-220g)		42		
NR (adult 200-220g)		42		
NR (175-200 g males)		3		
	90	30		
	90	30		
	90	30		
			no	4
			no	4
			no	4
			no	4
			no	4
			no	4
			no	4
			no	7
			no	7
			no	7
			no	7
NR (young, 60g)		15		
NR (young, 60g)		15		
NR (young, 60g)		15		
NR (young, 60g)		15		
NR		147		
NR (100g)		10		
NR (100g)		10		
NR (100g)		10		
	41	10		
	41	21		
	41	10		

-386	11	N/A	N/A	0
1	52	53	387	30
22	43	N/A	N/A	21
22	43	N/A	N/A	21
22	43	N/A	N/A	21
22	43	N/A	N/A	21
22	43	N/A	N/A	21
22	43	N/A	N/A	21
22	43	N/A	N/A	21
22	43	N/A	N/A	21
22	43	N/A	N/A	21
22	43	N/A	N/A	21
22	43	N/A	N/A	21

		0	2	2
11	3	1	1.25	25
387	5	1	1.25	25
		0	5	5
		0	5	5
		0	5	5
		0	5	5
		0	100	100
		0	2	2
		0	2	2
		0	2	2
112	4	0	0.0229	0.229
112	4	0	0.0229	0.229
112	4	0	0.00653	0.0653
112	4	0	0.0229	0.229
112	4	0	0.00653	0.0653
112	4	0	0.0229	0.229
112	4	0	0.00653	0.0653
43	4	0	2.3	4.6
112	4	0	2.3	4.6
112	4	0	2.3	4.6
112	4	0	2.3	4.6
		1	200	200
		1	200	200
		1	200	200
		1	200	200
		1	3.252	3.252
		1	300	300
		1	300	300
		1	300	300
		1	300	300
		1	300	300
		1	300	300

N/A		2		
N/A		1.25	N/A	
N/A		1.25		1.25
N/A		5		
N/A		5		
N/A		5		
N/A		5		
				N/A
				N/A
N/A		100		
N/A		2		
N/A		2		
N/A		2		
				N/A
				N/A
	0.0229	0.229	N/A	
				N/A
N/A		0.0229	N/A	
	0.00653	0.0653	N/A	
	0.0229	0.229	N/A	
	0.00653	0.0653	N/A	
N/A		0.0229	N/A	
	0.00653	0.0653	N/A	
				N/A
				N/A
N/A		2.3	N/A	
				N/A
N/A		2.3	N/A	
				N/A
N/A		2.3	N/A	
				N/A
N/A		2.3	N/A	
				N/A
N/A		200		
N/A		200		
N/A		200		
N/A		200		
N/A		3.252		
				N/A
N/A		300		
N/A		300		
N/A		300		
				N/A
				N/A
N/A		300		
N/A		300		
N/A		300		

Adult male rats were injected with 2 mg/kg-day ip for 30 days. LOAEL is based on decreased LH and FSH at necropsy (Figu
Rat dams were dosed with 1.25 or 25 ppm beginning at GD1. F1 rats were exposed continuously until F2 mating at 1 year
Rat dams were dosed with 1.25 or 25 ppm beginning at GD1. Litters were culled to 8 at PND3; use default litter size. F1 ra
Adult rats (200-220g) were subcutaneously injected with either 10mg/kg/day of Aroclor 1221 or Aroclor 1254. They were
Adult rats (200-220g) were subcutaneously injected with either 10mg/kg/day of Aroclor 1221 or Aroclor 1254. They were
Adult rats (200-220g) were subcutaneously injected with either 10mg/kg/day of Aroclor 1221 or Aroclor 1254. They were
Adult rats (200-220g) were subcutaneously injected with either 10mg/kg/day of Aroclor 1221 or Aroclor 1254. They were
Adult rats were i.p. injected with 1000 mg/kg of Aroclor 1254. 6 weeks after injection, corticosterone was measured in tl
Adult rats were i.p. injected with 1000 mg/kg of Aroclor 1254. 3 weeks after injection, periodicity of corticosterone was a
Male rats (175-200g) dosed with 100 mg/kg Aroclor 1254 by i.p. injection for 1-4 d. "ARO-treated rats (100 mg/kg) in com
Adult male rats were dosed with 2 mg/kg-day for 30 days. LOAEL based on significantly decreased T3, T4, and TSH at nec
Adult male rats were dosed with 2 mg/kg-day for 30 days. LOAEL based on significantly decreased absolute ventral prost
Adult male rats were dosed with 2 mg/kg-day for 30 days. LOAEL based on significantly decreased serum estradiol and te
Rat dams s.c. injected daily throughout lactation (PND1-21) with either 8 or 80 ug/d. "After parturition (average weight o
Rat dams s.c. injected 2x/week (8, 80 ug/dam/injection) from parturition until weaning (PND21); average weight of a dar
Rat dams s.c. injected daily throughout lactation (PND1-21) with either 8 or 80 ug/d. "After parturition (average weight c
Rat dams s.c. injected 2x/week (8, 80 ug/dam/injection) from parturition until weaning (PND21); average weight of a dar
Rat dams s.c. injected daily throughout lactation (PND1-21) with either 8 or 80 ug/d. "After parturition (average weight c
Rat dams s.c. injected 2x/week (8, 80 ug/dam/injection) from parturition until weaning (PND21); average weight of a dar
Rat dams s.c. injected daily throughout lactation (PND1-21) with either 8 or 80 ug/d. "After parturition (average weight c
Rat dams s.c. injected 2x/week (8, 80 ug/dam/injection) from parturition until weaning (PND21); average weight of a dar
Rat dams s.c. injected daily throughout lactation (PND1-21) with either 8 or 80 ug/d. "After parturition (average weight c
Rat dams s.c. injected 2x/week (8, 80 ug/dam/injection) from parturition until weaning (PND21); average weight of a dar
Dams injected daily from parturition until weaning (PND 21); F1 exposed via lactation; 0, 0.8, 1.6 mg/dam; "After birth, p
Dams injected 2x a week from parturition until weaning (PND 21); F1 exposed via lactation; 0, 0.8, 1.6 mg/dam/injection;
Dams injected daily from parturition until weaning (PND 21); F1 exposed via lactation; 0, 0.8, 1.6 mg/dam; "After birth, p
Dams injected 2x a week from parturition until weaning (PND 21); F1 exposed via lactation; 0, 0.8, 1.6 mg/dam/injection;
Dams injected daily from parturition until weaning (PND 21); F1 exposed via lactation; 0, 0.8, 1.6 mg/dam; "After birth, p
Dams injected 2x a week from parturition until weaning (PND 21); F1 exposed via lactation; 0, 0.8, 1.6 mg/dam/injection;
Dams injected daily from parturition until weaning (PND 21); F1 exposed via lactation; 0, 0.8, 1.6 mg/dam; "After birth, p
Dams injected 2x a week from parturition until weaning (PND 21); F1 exposed via lactation; 0, 0.8, 1.6 mg/dam/injection;
Dams injected daily from parturition until weaning (PND 21); F1 exposed via lactation; 0, 0.8, 1.6 mg/dam; "After birth, p
Dams injected 2x a week from parturition until weaning (PND 21); F1 exposed via lactation; 0, 0.8, 1.6 mg/dam/injection;
Young rats weighing approx. 60g were dosed via the diet with Aroclor 1254 at 0.2g/kgdiet a day for 15 days. 0.2g/kg = 20
Young rats weighing approx. 60g were dosed via the diet with Aroclor 1254 at 0.2g/kgdiet a day for 15 days. 0.2g/kg = 20
Young rats weighing approx. 60g were dosed via the diet with Aroclor 1254 at 0.2g/kgdiet a day for 15 days. 0.2g/kg = 20
Young rats weighing approx. 60g were dosed via the diet with Aroclor 1254 at 0.2g/kgdiet a day for 15 days. 0.2g/kg = 20
Minks of unreported age were dosed with 1mg/d of Aroclor 1242 for 21 weeks. They also report the average food consu
Minks of unreported age were dosed with 1mg/d of Aroclor 1242 for 21 weeks. They also report the average food consu
Young rats weighing 100g were given a diet supplemented with 0.03% Aroclor 1248 for 10 days. Significantly difference f
Young rats weighing 100g were given a diet supplemented with 0.03% Aroclor 1248 for 10 days. Significantly difference f
Young rats weighing 100g were given a diet supplemented with 0.03% Aroclor 1248 for 10 days. Significantly different fro
Young rats weighing 100g were given a diet supplemented with 0.03% Aroclor 1248 for 10 days. No significant difference
5 week old rats (acclimated 5 to 7 days) were started on a diet containing 0.03% Aroclor 1248 for 10 days. Fecal bile acid
5 week old rats (acclimated 5 to 7 days) were started on a diet containing 0.03% Aroclor 1248 for 10 or 21 days. Significa
5 week old rats (acclimated 5 to 7 days) were started on a diet containing 0.03% Aroclor 1248 for 21 days. Significant diff
5 week old rats (acclimated 5 to 7 days) were started on a diet containing 0.03% Aroclor 1248 for 10 or 21 days. Significa

22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
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22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
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22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
52	0.9	0.312	0.066	5	56 COMPLETE
52	0.9	0.312	0.066	5	56 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE

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Horio et al.	1989	2166875
Horio et al.	1989	2166875
Horio et al.	1989	2166875
Horio et al.	1989	2166875
Horio et al.	1989	2166875
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Mochizuki et al.	2000	2166976
Mochizuki et al.	2000	2166976
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Itokawa et al.	1976	2167868
Itokawa et al.	1976	2167868
Itokawa et al.	1976	2167868
Itokawa et al.	1976	2167868
Itokawa et al.	1976	2167868
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Mochizuki et al.	1998	2168260
Mochizuki et al.	1998	2168260
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Johnstone et al.	1974	2168662
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Kato et al.	1978	2169479
Kato et al.	1978	2169479
Kato et al.	1978	2169479
Kato et al.	1978	2169479
Kato et al.	1980	2169480
Kato et al.	1980	2169480
Kato et al.	1980	2169480
Kato et al.	1980	2169480
Kato et al.	1980	2169480
Kato et al.	1989	2169481
Kato et al.	1989	2169481
Kawaikobayashi and Yoshida	1988	2169565
Kawaikobayashi and Yoshida	1988	2169565
Kawaikobayashi and Yoshida	1988	2169565

carcass total lipids
urinary urea
serum cholesterol, serum HDL-cholesterol, liver cholesterol
liver total lipids
liver weight
liver ascorbic acid
fecal bile acids
liver cholesterol, serum cholesterol
hepatic cytochrome P-450
liver total lipids
liver weight
liver ascorbic acid
serum cholesterol, HDL cholesterol, LDL+VLDL cholesterol
hepatic cytochrome P-450, cytochrome b5
liver weight
liver ascorbic acid levels
mortality of mice infected with influenza virus or Staphylococcus aureus, size of abscess formed with local staphylococca
serum triglyceride
serum and liver cholesterol
aniline hyrdoxylase activity
ceroid pigmentation in the liver, degenerative and necrotic alterations, swelling of individual hepatic cells, pyknosis of nu
total lipids in liver, triglyceride concentration in liver
liver weight
serum triglyceride, phospholipids
serum total cholesterol and HDL-cholesterol, liver cholesterol
cytochrome P-450, cytochrome b5
liver triglyceride, phospholipids, total lipids
liver weight
pentobarbital sleeping time; activity of hepatic microsomal aniline hydroxylase, p-nitroanisole O-demethylase, aminopyr
pentobarbital sleeping time; activity of hepatic microsomal aniline hydroxylase, p-nitroanisole O-demethylase, aminopyr
liver weight
liver weight
plasma and liver cholesterol
pentobarbital sleeping time
liver total lipids
liver weight
liver vitamin A
liver and serum levels of cholesterol
liver aminopyrine N-demethylase, liver microsomal protein, cytochrome P-450, NADPH cytochrome reductase
liver triglyceride, phospholipid
liver weight
liver ascorbic acid
serum and liver cholesterol
liver α-tocopherol
adrenal weight
triglycerides
cholesterol

Adipose Tissue Size/Weight	Metabolic
Urinalysis	Urinary System
Cholesterol	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Micronutrients	Hepatobiliary
Bile Acid Content/Excretion	Hepatobiliary
Cholesterol	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Micronutrients	Hepatobiliary
Cholesterol	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Micronutrients	Hepatobiliary
Susceptibility to Infection	Immune System
Blood Triglycerides	Hepatobiliary
Cholesterol	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Liver Histopathology	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Blood Triglycerides	Hepatobiliary
Cholesterol	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Cholesterol	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Micronutrients	Hepatobiliary
Cholesterol	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Micronutrients	Hepatobiliary
Cholesterol	Hepatobiliary
Micronutrients	Hepatobiliary
Adrenal Weight	Endocrine
Blood Triglycerides	Hepatobiliary
Cholesterol	Hepatobiliary

Aroclor 1248
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Aroclor 1254
Aroclor 1254
Aroclor 1254
Aroclor 1254
Kanechlor 500
Kanechlor 500
Kanechlor 500
Kanechlor 500
Kanechlor 500
Kanechlor 500
Kanechlor 500
Aroclor 1248
Aroclor 1248
Aroclor 1248
Aroclor 1248
Aroclor 1248
Aroclor 1254
Aroclor 1260
Aroclor 1254
Aroclor 1260
Aroclor 1248
Aroclor 1248
Aroclor 1248
Aroclor 1248
Aroclor 1248
Aroclor 1248
Aroclor 1248
Aroclor 1248
Aroclor 1248
Aroclor 1248
Aroclor 1248
PCBs
PCBs
PCBs

Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Mouse	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Injection-ip	Primary
Rat	Injection-ip	Primary
Rat	Injection-ip	Primary
Rat	Injection-ip	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	
Rat	Oral-diet	
Rat	Oral-diet	

	37	17
	37	17
	37	17
	37	17
	61	23
	61	23
	61	23
	61	23
NR (60g)		14
NR (60g)		14
NR (60g)		14
NR (60g)		14
	28	21
NR (150g)		30
NR (150g)		30
NR (150g)		30
NR (150g)		30
NR (150g)		30
NR (60g)		10
NR (60g)		10
NR (60g)		14
NR (60g)		10
NR (60g)		10
NR (50-65g)		3
NR (50-65g)		3
NR (50-65g)		3
NR (50-65g)		3
NR (58-85 g)		15
NR (58-85 g)		8
NR (58-85 g)		15
NR (58-85 g)		15
NR (58-85 g)		15
	37	8
	37	8
	37	31
	37	8
	37	31

1	200	200
1	200	200
1	200	200
1	200	200
1	200	200
1	200	200
1	200	200
1	200	200
1	200	200
1	200	200
1	200	200
1	200	200
1	100	400
1	500	500
1	500	500
1	500	500
1	500	500
1	500	500
1	200	200
1	200	200
1	200	200
1	200	200
1	200	200
0	50	50
0	50	50
0	50	50
0	50	50
1	200	200
1	200	200
1	200	200
1	200	200
1	200	200
1	100	100
1	100	100
1	100	100
1	100	100
1	100	100

			N/A
			N/A
N/A	200		
N/A	200		
N/A	200		
N/A	200		
			N/A
N/A	200		
N/A	200		
N/A	200		
N/A	200		
			N/A
N/A	200		
N/A	200		
N/A	200		
N/A	200		
N/A	100		
			N/A
N/A	500		
N/A	500		
N/A	500		
N/A	500		
N/A	500		
N/A	200		
N/A	200		
N/A	200		
N/A	200		
N/A	200		
N/A	50		
N/A	50		
N/A	50		
N/A	50		
N/A	200		
N/A	200		
N/A	200		
N/A	200		
N/A	200		
N/A	100		
N/A	100		
N/A	100		
N/A	100		
N/A	100		

5 week old rats (acclimated 5 to 7 days) were started on a diet containing 0.03% Aroclor 1248 for 10 or 21 days. No chan
5 week old rats (acclimated 5 to 7 days) were started on a diet containing 0.03% Aroclor 1248 for 21 days. No change in u
4 week old rats were fed 200mg/kg of Aroclor 1248 via the diet for 17 days. Significant difference between C and CP (p1C
4 week old rats were fed 200mg/kg of Aroclor 1248 via the diet for 17 days. Difference between C and CP (p1041-1042, T
4 week old rats were fed 200mg/kg of Aroclor 1248 via the diet for 17 days. Difference between C and CP groups (p1040,
4 week old rats were fed 200mg/kg of Aroclor 1248 via the diet for 17 days. Difference between C and CP groups (p1040
6 week old rats (18-20 d acclimation period) were fed 200 mg/kg/day of Aroclor 1248 in their diet for 23 d. Fecal bile aci
6 week old rats (18-20 d acclimation period) were fed 200 mg/kg/day of Aroclor 1248 in their diet for 23 d. Serum cholest
6 week old rats (18-20 d acclimation period) were fed 200 mg/kg/day of Aroclor 1248 in their diet for 23 d. Significant dif
6 week old rats (18-20 d acclimation period) were fed 200 mg/kg/day of Aroclor 1248 in their diet for 23 d. Significant dif
6 week old rats (18-20 d acclimation period) were fed 200 mg/kg/day of Aroclor 1248 in their diet for 23 d. Significant dif
6 week old rats (18-20 d acclimation period) were fed 200 mg/kg/day of Aroclor 1248 in their diet for 23 d. No significant
Young adult rats weighing 60g were fed a diet containing 0.2g/kg (=200mg/kg) of Aroclor 1254 for 14 days. Significant ch
Young adult rats weighing 60g were fed a diet containing 0.2g/kg (=200mg/kg) of Aroclor 1254 for 14 days. Significant ch
Young adult rats weighing 60g were fed a diet containing 0.2g/kg (=200mg/kg) of Aroclor 1254 for 14 days. Significant ch
Young adult rats weighing 60g were fed a diet containing 0.2g/kg (=200mg/kg) of Aroclor 1254 for 14 days. Significant ch
4 week old mice were given a diet supplemented with either 100, 200, or 400 ug/g of Kanechlor 500 for 21d. Mice were
Rats of unreported age (approx. 150g) were dosed with 500ppm of Kanechlor 500 via the diet for 30 days. No difference
Rats of unreported age (approx. 150g) were dosed with 500ppm of Kanechlor 500 via the diet for 30 days. Significant dif
Rats of unreported age (approx. 150g) were dosed with 500ppm of Kanechlor 500 via the diet for 30 days. Significant diff
Rats of unreported age (approx. 150g) were dosed with 500ppm of Kanechlor 500 via the diet for 30 days. Liver path effe
Rats of unreported age (approx. 150g) were dosed with 500ppm of Kanechlor 500 via the diet for 30 days. Significant dif
Rats of unreported age (approx. 150g) were dosed with 500ppm of Kanechlor 500 via the diet for 30 days. Significant diff
Rats of unreported age (approx. 60g) were dosed with 0.02% Aroclor 1248 in the diet for either 10 or 14 days. 0.02% Aro
Rats of unreported age (approx. 60g) were dosed with 0.02% Aroclor 1248 in the diet for either 10 or 14 days. 0.02% Aro
Rats of unreported age (approx. 60g) were dosed with 0.02% Aroclor in the diet for either 10 or 14 days. Significant differ
Rats of unreported age (approx. 60g) were dosed with 0.02% Aroclor 1248 in the diet for either 10 or 14 days. 0.02% Aro
Rats of unreported age (approx. 60g) were dosed with 0.02% Aroclor 1248 in the diet for either 10 or 14 days. 0.02% Aro
Rats of unreported age (approx. 50-65g) were ip injected with 50mg/kg/day of Aroclor 1254 for three days. Euthanized a
Rats of unreported age (approx. 50-65g) were ip injected with 50mg/kg/day of Aroclor 1260 for three days. Euthanized a
Rats of unreported age (approx. 50-65g) were ip injected with 50mg/kg/day of Aroclor 1254 for three days. Euthanized a
Rats of unreported age (approx. 50-65g) were ip injected with 50mg/kg/day of Aroclor 1260 for three days. Euthanized a
Rats of unreported age (58-85g) were dosed with Aroclor 1248 at 0.2% in the diet for "15 or 16" days. Significant change
Rats of unreported age (58-85g) were dosed with Aroclor 1248 at 0.2% in the diet for 15-16 or 31 days. Pentobarbital sle
Rats of unreported age (58-85g) were dosed with Aroclor 1248 at 0.2% in the diet for "15 or 16" days. Significant change
Rats of unreported age (58-85g) were dosed with Aroclor 1248 at 0.2% in the diet. No significance testing on liver weight
Rats of unreported age (58-85g) were dosed with Aroclor 1248 at 0.2% in the diet. Significant change in vit A after 15-16
Rats 31-33 d old (acclimated 4-7 day) were dosed with Aroclor 1248 at 0.1% in the diet. Significant difference after 8 days
Rats 31-33 d old (acclimated 4-7 day) were dosed with Aroclor 1248 at 0.1% in the diet. "In a short-term experiment (8-9
Rats 31-33 d old (acclimated 4-7 day) were dosed with Aroclor 1248 at 0.1% in the diet for 31-32 days (Experiment 2). Sig
Rats 31-33 d old (acclimated 4-7 day) were dosed with Aroclor 1248 at 0.1% in the diet for 8-9 days (Experiment 1). Liver
Rats 31-33 d old (acclimated 4-7 day) were dosed with Aroclor 1248 at 0.1% in the diet for 31-32 days (Experiment 2). Sig
Male rats exposed to 0.1% PCB-48 (assumed to be A1248) for an undisclosed length of time. Cholesterol levels in PCB tre
Male rats exposed to 0.1% PCB-48 (assumed to be A1248) for an undisclosed length of time. Significantly different in low

22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 NONE
22	0.9	0.094	0.154	10	21 NONE
22	0.9	0.094	0.154	10	21 NONE
22	0.9	0.094	0.154	10	21 NONE
22	0.9	0.094	0.154	10	21 NONE

Chelsea
Chelsea
Chelsea

Kawaikobayashi and Yoshida	1988	2169565
Kawaikobayashi and Yoshida	1988	2169565
Kawaikobayashi and Yoshida	1988	2169565
Kawaikobayashi and Yoshida	1988	2169565
Kawaikobayashi and Yoshida	1988	2169565
Kawaikobayashi and Yoshida	1988	2169565
Kawaikobayashi and Yoshida	1988	2169565
Kawaikobayashi and Yoshida	1988	2169565
Kerkvliet and Kimeldorf	1977	2169775
Nakanishi et al.	1995	2170232
Nakanishi et al.	1995	2170232
Nakanishi et al.	1995	2170232
Kimura et al.	1976	2170282
Kimura et al.	1976	2170282
Kimura et al.	1976	2170282
Kosinova et al.	1985	2170997
Kosinova et al.	1985	2170997
Kosinova et al.	1985	2170997
Kosinova et al.	1985	2170997
Oda et al.	1991	2172265
Oda et al.	1991	2172265
Oda et al.	1991	2172265
Nath et al.	1991	2172517
Nath et al.	1991	2172517
Nath et al.	1991	2172517
Nath et al.	1991	2172517
Fanini et al.	1990	2172957
Fanini et al.	1990	2172957
Fanini et al.	1990	2172957
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Oda et al.	1989	2173181
Oda et al.	1989	2173181
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Lipsky et al.	1978	2173571
Lipsky et al.	1978	2173571
Lipsky et al.	1978	2173571
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Montesissa et al.	1987	2174378
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Madej et al.	1992	1482582
Madej et al.	1992	1482582
Madej et al.	1992	1482582
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Nakagawa et al.	1986	2174826
Nakagawa et al.	1986	2174826
Seegal et al.	1985	2175561
Narbonne et al.	1984	2175650

liver enzyme induction
liver lipids
liver weight
liver vitamin C levels
spleen weight
epididymal adipose tissue weight
glucose
kidney weight
inhibition of tumor growth following challenge with Walker 256 carcinosarcoma
macrophage superoxide production
peripheral white blood cell count and differential
hyperplastic Clara cells, mild edema, inflammatory cell infiltration, contents of brochoalveolar lavage fluid
adenomatous lesions, nodular hyperplasia, cholangiofibrosis, fatty degeneration
fatty degeneration
liver weight index
serum cholesterol
microsomal proteins, cytochrome P-450, aniline hydroxylase, O-demethylase
liver weight
liver ascorbic acid
plasma cholesterol
gross liver pathology
liver weight
liver DNA thymidine incorporation
liver weight (absolute and relative)
lung weight (absolute and relative)
kidney weight (absolute and relative)
exploratory activity
traction, rotarod, spontaneous motor activity
aggressive behavior, social activity, indifference, mounting
bile flow, biliary bile acids, fecal bile acids
serum cholesterol, serum HDL cholesterol, liver cholesterol
liver weight
microsomal protein, cytochrome P-450, cytochrome b5, NADPH-cytochrome c reductase, aminopyrine demethylase
hepatocytomegaly, cytoplasmic lipid droplets, large areas of cytoplasm that were lightly stained in cells of the liver
cytoplasmic lipid droplets in cells of the liver
liver/body weight ratio
liver microsomal protein concentration, cytochrome P-450, microsomal p-nitro-anisole-O-demethylase activity, microsor
liver weight (absolute and relative)
urinary cortisol
urinary cortisol
urinary excretion of oestrone sulfate
urinary excretion of oestrone sulfate
amount of bile, bile acid content
serum and liver cholesterol
cytochrome P450, aniline hydroxylation, aminopyrine demethylation
regional brain differences in norepinephrine levels
cytochrome P-450, aniline hydroxylase

Liver Enzyme Induction	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Micronutrients	Hepatobiliary
Immune Organ Size/Weight	Immune System
Adipose Tissue Size/Weight	Metabolic
Blood/Urinary Glucose	Metabolic
Kidney Weight	Urinary System
Susceptibility to Infection	Immune System
Ex Vivo WBC Function	Immune System
White Blood Cell (WBC) Counts	Immune System
Pulmonary Histopathology	Respiratory
Liver Histopathology	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Cholesterol	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Micronutrients	Hepatobiliary
Cholesterol	Hepatobiliary
Liver Histopathology	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Histopathology	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Lung Weight	Respiratory
Kidney Weight	Urinary System
Cognitive function	Nervous System
Motor Function/Development	Nervous System
Social behavior/development	Nervous System
Bile Acid Content/Excretion	Hepatobiliary
Cholesterol	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Liver Histopathology	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
HPA Hormones	Endocrine
HPA Hormones	Endocrine
Sex Hormone Levels (F)	Reproductive
Sex Hormone Levels (F)	Reproductive
Bile Acid Content/Excretion	Hepatobiliary
Cholesterol	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Neurotransmitter Levels	Nervous System
Liver Enzyme Induction	Hepatobiliary

PCBs
PCBs
PCBs
PCBs
PCBs
PCBs
PCBs
PCBs
Aroclor 1254
Kanechlor 400
Kanechlor 400
Kanechlor 400
Kanechlor 400
Kanechlor 400
Kanechlor 400
Delor 105
Delor 105
Delor 105
Delor 105
Aroclor 1248
Aroclor 1248
Aroclor 1248
Aroclor 1254
Aroclor 1254
Aroclor 1254
Aroclor 1254
Fenclor 54
Fenclor 54
Fenclor 54
Aroclor 1248
Aroclor 1248
Aroclor 1248
Aroclor 1254
Aroclor 1254
Aroclor 1254
Aroclor 1254
Fenclor 64
Fenclor 64
Aroclor 1254
Clophen A50
Aroclor 1254
Clophen A50
Kanechlor 400
Kanechlor 400
Kanechlor 400
Mixture: Aroclors 1254, 1260
Phenochlor DP6

Rat	Oral-diet	
Rat	Oral-diet	
Rat	Oral-diet	
Rat	Oral-diet	
Rat	Oral-diet	
Rat	Oral-diet	
Rat	Oral-diet	
Rat	Oral-diet	
Rat	Oral-diet	Primary
Rat	Injection-ip	Primary
Rat	Injection-ip	Primary
Rat	Injection-ip	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Injection-ip	Primary
Rat	Injection-ip	Primary
Rat	Injection-ip	Primary
Rat	Injection-ip	Primary
Mouse	Injection-ip	Primary
Mouse	Injection-ip	Primary
Mouse	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Injection-ip	Primary
Rat	Injection-ip	Primary
Rat	Injection-ip	Primary
Rat	Injection-ip	Primary
Rabbit	Injection-ip	
Rabbit	Injection-ip	
Mink	Oral-diet	Primary
Mink	Oral-diet	Primary
Mink	Oral-diet	Primary
Mink	Oral-diet	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
rat	Oral-gavage	
Rat	Oral-diet	Primary

	30	39
	56	1
	56	1
	56	1
	91	140.5
	91	140.5
	91	140.5
NR (Adult 150-170g)		3
NR (Adult 150-170g)		1
NR (Adult 150-170g)		1
NR (Adult 150-170g)		1
NR (90g)		8
NR (90g)		59
NR (90g)		59
	91.25	56
	91.25	56
NR (25g male and female)		1
NR (25g male and female)		1
NR (25g male and female)		21
NR (250 g)		7
NR (90g)		7
NR (90g)		7
NR (175g)		7
NR (175g)		7
NR (175g)		7
NR (175g)		7
	365	38
	730	49
	730	34
NR (180-220g, males)		4
NR (180-220g, males)		4
NR (180-220g, males)		4
NR (89g)		28

	0	0.59	54.5
	0	24.5	24.5
	0	24.5	24.5
	0	24.5	24.5
	1	400	400
	1	400	400
	1	400	400
	0	25	25
	0	25	25
	0	25	25
	0	25	25
	1	300	300
	1	300	300
	1	300	300
	0	17.86	17.86
	0	17.86	17.86
	0	75	300
	0	75	300
	0	0.06	6
	1	300	300
	1	300	300
	1	300	300
	0	50	50
	0	50	50
	0	50	50
	0	50	50
	0	1.64	1.64
	0	2	2
	0	2	2
	0	100	100
	0	100	100
	0	100	100
	1	50	50

N/A	0.59		
N/A	24.5		
N/A	24.5		
N/A	24.5		
N/A	400		
N/A	400		
N/A	400		
N/A	25		
N/A	25		
N/A	25		
N/A	25		
N/A	300		
N/A	300		
N/A	300		
N/A	17.86		
N/A	17.86		
			N/A
			N/A
	75	150	
	75	150	
	0.6	6	
N/A		300	
N/A		300	
N/A		300	
N/A		50	
N/A		50	
N/A		50	
N/A		50	

N/A		1.64	
N/A		2	
			N/A
N/A		2	
N/A		100	
N/A		100	
N/A		100	

N/A		50	

Rats of approximately one month of age were dosed via the diet with Aroclor 1254. Females were dosed with 100, 400,
8 week old female rats were injected once with 5mg of Kanechlor 400. Body weight value for Sprague Dawley female rat
8 week old female rats were injected once with 5mg of Kanechlor 400. Body weight value for Sprague Dawley female rat
8 week old female rats were injected once with 5mg of Kanechlor 400. Body weight value for Sprague Dawley female rat
11-15 week old rats were exposed to Kenchlor 400 via the diet at 400 ppm. They were fed this diet for 6 months (6m * (3
11-15 week old rats were exposed to Kenchlor 400 via the diet at 400 ppm. They were fed this diet for 6 months (6m * (3
11-15 week old rats were exposed to Kenchlor 400 via the diet at 400 ppm. They were fed this diet for 6 months (6m * (3
Adult rats (150-170g) were dosed for 4 days with 25 mg/kg/d of Delor 105. Rats were euthanized 24 hours after the last
Adult rats (150-170g) were dosed for 4 days with 25 mg/kg/d of Delor 105. Rats were euthanized 24 hours after the last
Adult rats (150-170g) were dosed for 4 days with 25 mg/kg/d of Delor 105. Rats were euthanized 24 hours after the last
Adult rats (150-170g) were dosed for 4 days with 25 mg/kg/d of Delor 105. Rats were euthanized 24 hours after the last
Rats of unreported age (approx 90g) were dosed via the diet with 0.03g Aroclor 1248 per 100g of diet (0.03gA/100gdiet *
Rats of unreported age (approx 90g) were dosed via the diet with 0.03g Aroclor 1248 per 100g of diet (0.03gA/100gdiet *
Rats of unreported age (approx 90g) were dosed via the diet with 0.03g Aroclor 1248 per 100g of diet (0.03gA/100gdiet *
3 month (3m * 365d/12m = 91.25d) rats were ip injected with 500mg/kg of Aroclor 1254 twice, 2 weeks apart. Outcome
3 month (3m * 365d/12m = 91.25d) rats were ip injected with 500mg/kg of Aroclor 1254 two days with A TWO WEEK PEF
3 month (3m * 365d/12m = 91.25d) rats were ip injected with 500mg/kg of Aroclor 1254 two days with A TWO WEEK PEF
3 month (3m * 365d/12m = 91.25d) rats were ip injected with 500mg/kg of Aroclor 1254 two days with A TWO WEEK PEF
Male and female mice injected with 75, 150, or 300 mg/kg Fenclor 54. Behavioral testing took place same day as treatme
Male and female mice injected with 75, 150, or 300 mg/kg Fenclor 54. Behavioral testing took place same day as treatme
Male and female mice given diet of Fenclor 54 for 21 days. Animal age NR; 25±5 g male. Authors reported that dietary dc
Rats of unreported age (avg 250g) were dosed with 300mg/kg of Aroclor 1248 for 7 days. Significant effect of PCB treatm
Rats of unreported age (avg 90g) were dosed with 300mg/kg of Aroclor 1248 for 7 days. Significant effect on cholesterol
Rats of unreported age (avg 90g) were dosed with 300mg/kg of Aroclor 1248 for 7 days. Significant effect of PCB treatme
Rats were ip injected daily with 50mg/kg/d of Aroclor 1254 for 7 days. Significant effect of PCB treatment (p110, Table 1)
Rats were ip injected daily with 50mg/kg/d of Aroclor 1254 for 7 days. "hepatocytomegaly, increased numbers of cytopla
Rats were ip injected daily with 50mg/kg/d of Aroclor 1254 for 7 days. "increased numbers of cytoplasmic lipid droplets"
Rats were ip injected daily with 50mg/kg/d of Aroclor 1254 for 7 days. Significant effect from PCB treatment (Table 1).

1 year old female minks began dosing with 1.64mg/kg/d (weight assumed to be 1kg {U.S. EPA, 1988, 64560}) Aroclor 125
2 year old female minks began dosing with 2mg/kg/d (weight assumed to be 1kg {U.S. EPA, 1988, 64560}) Clophen A 50 i
1 year old female minks began dosing with 1.64mg/kg/d (weight assumed to be 1kg {U.S. EPA, 1988, 64560}) Aroclor 125
2 year old female minks began dosing with 2mg/kg/d (weight assumed to be 1kg {U.S. EPA, 1988, 64560}) Clophen A 50 i
Male rats weighing 180-220g were orally dosed with 100mg/kg/d of Kanechlor 400 for 4 days. Amount and content of bil
Male rats weighing 180-220g were orally dosed with 100mg/kg/d of Kanechlor 400 for 4 days. Serum and liver cholesterc
Male rats weighing 180-220g were orally dosed with 100mg/kg/d of Kanechlor 400 for 4 days. All enzymes were altered l

Rats of unreported age (89g at start of diet) were dosed with Phenoclor DP6 at 50 ppm via the diet within 4 weeks of sac

22	0.9	0.094	0.154	10	21	NONE
22	0.9	0.094	0.154	10	21	NONE
22	0.9	0.094	0.154	10	21	NONE
22	0.9	0.094	0.154	10	21	NONE
22	0.9	0.094	0.154	10	21	NONE
22	0.9	0.094	0.154	10	21	NONE
22	0.9	0.094	0.154	10	21	NONE
22	0.9	0.094	0.154	10	21	NONE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
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22	0.9	0.094	0.154	10	21	COMPLETE
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22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
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22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
18	0.9	0.229	0.264	6	21	COMPLETE
18	0.9	0.229	0.264	6	21	COMPLETE
18	0.9	0.229	0.264	6	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
52	0.9	0.312	0.066	5	56	COMPLETE
52	0.9	0.312	0.066	5	56	COMPLETE
52	0.9	0.312	0.066	5	56	COMPLETE
52	0.9	0.312	0.066	5	56	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	NONE
22	0.9	0.094	0.154	10	21	COMPLETE

Chelsea
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Mehlman et al.	1975	2176144
Mehlman et al.	1975	2176144
Mehlman et al.	1975	2176144
Mehlman et al.	1974	2176146
Mehlman et al.	1974	2176146
Mehlman et al.	1974	2176146
Mehlman et al.	1974	2176146
Mehlman et al.	1974	2176147
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Merson and Kirkpatrick	1976	2176345
Merson and Kirkpatrick	1976	2176345
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Quazi et al.	1983	2176364
Quazi et al.	1983	2176364
Quazi et al.	1983	2176364
Quazi et al.	1983	2176364
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Horio and Yoshida	1982	2176910
Horio and Yoshida	1982	2176910
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Mochizuki et al.	1992	2176964
Mochizuki et al.	1992	2176964
Mochizuki et al.	1992	2176964
Mochizuki et al.	1992	2176964
Mochizuki et al.	1992	2176964
Mochizuki et al.	1992	2176964
Mochizuki et al.	1992	2176964
Mochizuki et al.	1992	2176964
Narbonne	1980	2177631
Yagi and Itokawa	1980	2177746
Yagi and Itokawa	1980	2177746
Yagi and Itokawa	1980	2177746
Yagi and Itokawa	1980	2177746
Yagi and Itokawa	1980	2177746
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Narbonne	1979	2178150
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Müller et al.	1978	2178597
Müller et al.	1978	2178597
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Ishikawa et al.	1978	2178872
Ishikawa et al.	1978	2178872
Ishikawa et al.	1978	2178872
Ishikawa et al.	1978	2178872
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Schmoldt et al.	1977	2179041
Schmoldt et al.	1977	2179041

liver lipids
liver weight (absolute and relative)
blood glucose
liver weight
adipose tissue weight
blood glucose
kidney weight
adipose tissue weight
litter size, litter number, survival to PND 21
litter number, litter size
pairs having at least one or two litters, total litters, mean number of litters for all pairs begun on experiment
serum - total lipids
serum and liver cholesterol
liver lipids
liver weight
liver ascorbic acid
liver weight
tissue level of ascorbic acid, urinary ascorbic acid
plasma glucose
adrenal weight
serum trig
cholesterol
liver aniline hydroxylase, liver aminopyrine N-demethylase activity
liver lipids
liver weight (relative)
liver ascorbic acid levels
spleen weight
kidney weight
liver microsomal protein levels, aminopyrine N-demethylase activity, aniline hydroxylase activity, cytochrome b5 activity
serum lipids
liver and serum levels of cholesterol
triglyceride, nonesterified fatty acid, phospholipid, total liver lipids
liver weight
respiratory CO2
microsomal protein content of the liver
liver weight
anovulatory cycles
ovarian histopathology (i.e., "ovarian changes")
levels of luteinizing hormone, follicle-stimulating hormone, estrogen, and progesterone
plasma triglycerides
plasma cholesterol
microsomal protein content, cytochrome P450 levels
liver weight, liver to body weight ratio
plasma levels of SGOT, SGTP, bilirubin
heart ventricle weight
diarrhea
total cholesterol

Liver Lipids/Steatosis	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Blood/Urinary Glucose	Metabolic
Liver Weight/Hepatomegaly	Hepatobiliary
Adipose Tissue Weight	Metabolic
Blood/Urinary Glucose	Metabolic
Kidney Weight	Urinary System
Adipose Tissue Size/Weight	Metabolic
Offspring Mortality	Developmental
Pregnancy/conception rate	Reproductive
Time-to-Pregnancy & Couple/Pair Fertility	Reproductive
Blood Triglycerides	Hepatobiliary
Cholesterol	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Micronutrients	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Micronutrients	Hepatobiliary
Blood/Urinary Glucose	Metabolic
Adrenal Weight	Endocrine
Blood Triglycerides	Hepatobiliary
Cholesterol	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Micronutrients	Hepatobiliary
Immune Organ Size/Weight	Immune System
Kidney Weight	Urinary System
Liver Enzyme Induction	Hepatobiliary
Blood Triglycerides	Hepatobiliary
Cholesterol	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Body Temperature/Metabolic Rate	Metabolic
Liver Enzyme Induction	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Ovulation	Reproductive
Reproductive Organ Histopathology (F)	Reproductive
Sex Hormone Levels (F)	Reproductive
Blood Triglycerides	Hepatobiliary
Cholesterol	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Serum Biomarkers of Liver Health & Function	Hepatobiliary
Heart Size/Weight	Cardiovascular
Digestive System Complaints/Diseases	Gastrointestinal
Cholesterol	Hepatobiliary

Aroclor 1254
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PCBs
PCBs
PCBs
PCBs
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PCBs
PCBs
PCBs
PCBs
Phenochlor DP6
Kanechlor 500
Kanechlor 500
Kanechlor 500
Kanechlor 500
Kanechlor 500
Phenochlor DP6
Phenochlor DP6
Clophen A30
Clophen A30
Clophen A30
Aroclor 1254
Aroclor 1254
Aroclor 1254
Aroclor 1254
Aroclor 1254
Clophen A30
Clophen A30
Clophen A30

Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Mouse	Oral-diet	Secondary
Mouse	Oral-diet	Primary
Mouse	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	
Rat	Oral-diet	
Rat	Oral-diet	
Rat	Oral-diet	
Rat	Oral-diet	
Rat	Oral-diet	
Rat	Oral-diet	
Rat	Oral-diet	
Rat	Oral-diet	
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rhesus monkey	Oral-gavage	Primary
Rhesus monkey	Oral-gavage	Primary
Rhesus monkey	Oral-gavage	Primary
Rat	Injection-ip	Primary
Rat	Injection-ip	Primary
Rat	Injection-ip	Primary
Rat	Injection-ip	Primary
Rat	Injection-ip	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary

NR (288 g males)	14		
NR (288 g males)	14		
NR (288 g males)	14		
NR (90-100 g males)	28		
NR (90-100 g males)	28		
NR (120-127 g males)	12		
		no	3.33
NR	60		
NR	60		
NR (68-132 g males and females)	21		
NR (68-132 g males and females)	21		
NR (80-132 g males)	21		
NR (68-132 g males and females)	21		
NR (68-132 g males and females)	21		
NR (120-130 g males)	14		
NR (120-130 g males)	10		
NR (120-130 g males)	14		
NR (103 g males)	1		
NR (150 g males)	35		
NR (150 g males)	35		
NR (150 g males)	35		
NR (150 g males)	35		
NR (150 g males)	35		
NR (46g male)	1		
NR (46g male)	1		
NR ("mature")	36		
NR ("mature")	36		
NR (300-350 g males)	1		
NR (300-350 g males)	1		
NR (300-350 g males)	1		
NR (300-350 g males)	1		
NR (300-350 g males)	1		
NR (180 g, male)	84		

0	23 N/A	N/A	0

		0	27.5	27.5
		0	27.5	27.5
		0	27.5	27.5
		0	10.2	60.2
		0	10.2	60.2
		0	6.5	31.6
23	3	1	200	200
		1	200	200
		1	200	200
		1	300	300
		1	300	300
		1	300	300
		1	300	300
		1	300	300
		1	200	200
		1	200	200
		1	200	200
		0	1.76	1.76
		1	500	500
		1	500	500
		1	500	500
		1	500	500
		1	500	500
		1	100	100
		1	100	100
		0	4	4
		0	4	4
		0	40	40
		0	40	40
		0	40	40
		0	40	40
		1	2000	2000

N/A	27.5		
N/A	27.5		
N/A	27.5		
10.2	60.2		
			N/A
10.2	60.2		
			N/A
6.5	31.6		
N/A	200	N/A	
N/A	200		
N/A	200		
N/A	300		
N/A	300		
N/A	300		
N/A	300		
N/A	300		
N/A	200		
N/A	200		
200	N/A		N/A
N/A	1.76		
N/A	500		
N/A	500		
N/A	500		
N/A	500		
500	N/A		N/A
N/A	100		
N/A	100		
N/A	4		
			N/A
N/A	4		
N/A	40		
N/A	40		
N/A	40		
N/A	40		
			N/A
			N/A
N/A	2000		
			N/A

Male rats given diet with 500 ppm PCBs or control diet for 14 days. 500 ppm*0.01485 food per day*1/((0.288+0.252)/2) |
Male rats given diet with 500 ppm PCBs or control diet for 14 days. 500 ppm*0.01485 food per day*1/((0.288+0.252)/2) |
Male rats given diet with 500 ppm PCBs or control diet for 14 days. 500 ppm*0.01485 food per day*1/((0.288+0.252)/2) |
Male rats fed diet with 0, 75, or 400 ppm PCBs for 2 weeks at room temperature, then split into room temp or cold treatr
Male rats fed diet with 0, 75, or 400 ppm PCBs for 2 weeks at room temperature, then split into room temp or cold treatr
Male rats fed diet with 0, 75, or 400 ppm PCBs for 2 weeks at room temperature, then split into room temp or cold treatr
Male rats fed diet with 0, 75, or 400 ppm PCBs for 2 weeks at room temperature, then split into room temp or cold treatr
Adult male rats fed Aroclor 1254 in the diet for 12 d at concentrations of 75 or 400 ppm. Authors report PCB consumed fc
Mating pairs of mice were dosed with 200 ppm for 60 days; dosing began immediately upon pairing. Litter size for LOAEL
Mating pairs of mice were dosed with 200 ppm for 60 days; dosing began immediately upon pairing. "Animals ranged fro
Mating pairs of mice were dosed with 200 ppm for 60 days; dosing began immediately upon pairing. LOAEL based on the
Male and female rats of different strains (Sprague-Dawley, Donryu, and Wistar, 68-93g; male Donryu, 108-132g; male Wi
Male and female rats of different strains (Sprague-Dawley, Donryu, and Wistar, 68-93g; male Donryu, 108-132g; male Wi
Males rats (male Donryu, 108-132g; male Wistar, 80-100g)given diet with 300 ppm PCBs or control for 3 weeks, ad lib. Liv
Male and female rats (Sprague-Dawley, Donryu, and Wistar, 68-93g; male Donryu, 108-132g; male Wistar, 80-100g) giver
Male and female rats of different strains (Sprague-Dawley, Donryu, and Wistar, 68-93g; male Donryu, 108-132g) given di
Male rats given diet containing 200 ppm PCBs or control diet, ad lib, for 14 days. Liver weight significantly affected by PCI
Male rats given diet containing 200 ppm PCBs or control diet, ad lib, for 14 days. Tissue levels of ascorbic acid affected by
Male rats given diet containing 200 ppm PCBs or control diet, ad lib, for 14 days. "The plasma level of glucose, an index o

Male rats given diet containing 10 ppm PCBs for 24 h, reported as 1.76 mg/kg ingested dose for the group evaluated at d
Male rats fed diet of 500 ppm or control for 35 days; serum phospholipids, total and HDL cholesterol significantly differer
Male rats fed diet of 500 ppm or control for 35 days; liver and serum cholesterol levels significantly different in PCB treat
Male rats fed diet of 500 ppm or control for 35 days; liver phospholipids, cholesterol, and total lipids significantly differer
Male rats fed diet of 500 ppm or control for 35 days; relative liver weight increased in PCB treated group. "Liver weights i
Male rats fed diet of 500 ppm or control for 35 days; "No significant change was observed in respiratory 14CO2 content b
Male rates weighing on average 46g when acquired were fed a diet containing 100ppm of Phenoclor DP6 for 24 hours. M
Male rates weighing on average 46g when acquired were fed a diet containing 100ppm of Phenoclor DP6 for 24 hours. Li
Mature rhesus monkeys were administered 4 mg/kg/d of Clophen A30 via gastric intubation. Treatment was daily startin
Mature rhesus monkeys were administered 4 mg/kg/d of Clophen A30 via gastric intubation. Treatment was daily startir
Mature rhesus monkeys were administered 4 mg/kg/d of Clophen A30 via gastric intubation. Treatment was daily startin
Male rats given single IP injection of 40mg/kg PCBs at day 0; significant difference in plasma triglycerides at day 21 (Table
Male rats given single IP injection of 40mg/kg PCBs at day 0; significant difference in total plasma cholesterol at day 7 (Ta
Male rats given single IP injection of 40mg/kg PCBs at day 0; significant effect on cytochrome P-450 after 7 days (Table 4)
Male rats given single IP injection of 40mg/kg PCBs at day 0; significant effect on liver weight after 60 days (Table 4).
Male rats given single IP injection of 40mg/kg PCBs at day 0; no change after 7 days. "At day 7...plasma levels of SGOT, SC
Male rats given 2000 ppm Clophen A30 in the diet for 12 weeks. No change in heart weight (p206, Table 1).
Male rats given 2000 ppm Clophen A30 in the diet for 12 weeks. Mild diarrhea occurred (p206).
Male rats given 2000 ppm Clophen A30 in the diet for 12 weeks. No significant change in total cholesterol (Table 3).

22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
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22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 NONE
22	0.9	0.094	0.154	10	21 NONE
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22	0.9	0.094	0.154	10	21 NONE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
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22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
168	0.9	0.199	0.054	1	154 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
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22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE

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Chelsea
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Geniece
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Katie
Katie
Katie

Schmoldt et al.	1977	2179041
Schmoldt et al.	1977	2179041
Schmoldt et al.	1977	2179041
Schmoldt et al.	1977	2179041
Schmoldt et al.	1977	2179041
Schmoldt et al.	1977	2179041
Schmoldt et al.	1977	2179041
Schmoldt et al.	1977	2179041
Sanders and Kirkpatrick	1977	2179086
Sanders and Kirkpatrick	1977	2179086
Sanders and Kirkpatrick	1977	2179086
Sanders and Kirkpatrick	1977	2179086
Sanders and Kirkpatrick	1977	2179086
Sanders and Kirkpatrick	1977	2179086
Sanders et al.	1977	2179130
Sanders et al.	1977	2179130
Sanders et al.	1977	2179130
Sanders et al.	1977	2179130
Sanders et al.	1977	2179130
Sanders et al.	1977	2179130
Oda et al.	1994	2179169
Oda et al.	1994	2179169
Oda et al.	1994	2179169
Oda et al.	1994	2179169
Yagi et al.	1976	2179349
Yagi et al.	1976	2179349
Yagi et al.	1976	2179349
Kasza et al.	1976	2179492
Kasza et al.	1976	2179492
Kasza et al.	1976	2179492
Kasza et al.	1976	2179492
Kasza et al.	1976	2179492
Braunberg et al.	1976	2179493
Bastomsky and Murthy	1976	2179560
Bastomsky and Murthy	1976	2179560
Bastomsky and Murthy	1976	2179560
Bastomsky and Murthy	1976	2179560
Allen et al.	1976	2179602
Allen et al.	1976	2179602
Allen et al.	1976	2179602
Allen et al.	1976	2179602
Allen et al.	1976	2179602
Allen et al.	1976	2179602
Allen et al.	1976	2179602
Allen et al.	1976	2179602
Allen et al.	1976	2179602
Allen et al.	1976	2179602

microsomal protein, cytochrome P450 and b5 content, NADPH-cyt. c reductase, p-nitroanisole-demethylase, aniline hydr
morphological liver changes (eosinophilic clods, vesiculation, membrane arrays)
triglycerides, total phospholipids
liver weight
porphyria, porphyrins
SGOT, SGPT, BSP
brain weight
kidney weight
adrenal weight
corticosterone
liver microsomal enzyme activity
liver weight
% of females exhibiting an estrual smear
ovarian and uterine weights
adrenal weight
corticosterone
liver microsomal enzyme activity
liver weight
preputial gland, seminal vesicle and left testis weight
sperm number per mg testis
serum triglyceride, phospholipid
serum and liver total cholesterol
liver total lipids, triglyceride, phospholipid
liver weight
prominent dark brown pigmentation in liver
liver weight
liver levels of sodium, magnesium, potassium, and calcium
liver histopathology
accumulation of lipid in the liver
liver weights and liver-to-body weight ratios
serum activity of SGOT, SGPT, LDH, and AP
irritability
liver-to-body weight ratio
Protein in 10,000 x g supernatant
Protein in 10,000 x g supernatant
liver weight
liver weight
heart histopathology
heart histopathology
heart histopathology
heart weight
heart weight
heart weight
hemoglobin, hematocrit
hemoglobin, hematocrit
hemoglobin, hematocrit
serum triglyceride levels

Liver Enzyme Induction	Hepatobiliary
Liver Histopathology	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Porphyrins	Hepatobiliary
Serum Biomarkers of Liver Health & Function	Hepatobiliary
Brain Weight & Histopathology	Nervous System
Kidney Weight	Urinary System
Adrenal Weight	Endocrine
HPA Hormones	Endocrine
Liver Enzyme Induction	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Estrous/Menstrual Cycle	Reproductive
Reproductive Organ Size/Weight (F)	Reproductive
Adrenal Weight	Endocrine
HPA Hormones	Endocrine
Liver Enzyme Induction	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Reproductive Organ Size/Weight (M)	Reproductive
Sperm/semen parameters	Reproductive
Blood Triglycerides	Hepatobiliary
Cholesterol	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Histopathology	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Micronutrients	Hepatobiliary
Liver Histopathology	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Serum Biomarkers of Liver Health & Function	Hepatobiliary
Neurological Symptoms	Nervous System
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Cardiovascular Histopathology	Cardiovascular
Cardiovascular Histopathology	Cardiovascular
Cardiovascular Histopathology	Cardiovascular
Heart Size/Weight	Cardiovascular
Heart Size/Weight	Cardiovascular
Heart Size/Weight	Cardiovascular
Red Blood Cells/Hemoglobin	Hematopoietic
Red Blood Cells/Hemoglobin	Hematopoietic
Red Blood Cells/Hemoglobin	Hematopoietic
Blood Triglycerides	Hepatobiliary

Clophen A30
Clophen A30
Clophen A30
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Aroclor 1254
Aroclor 1254
Aroclor 1254
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Kanechlor 500
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Aroclor 1248
Aroclor 1254
Aroclor 1262
Aroclor 1248
Aroclor 1254
Aroclor 1262
Aroclor 1248

Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Mouse	Oral-diet	Primary
Mouse	Oral-diet	Primary
Mouse	Oral-diet	Primary
Mouse	Oral-diet	Primary
Mouse	Oral-diet	Primary
Mouse	Oral-diet	Primary
Mouse	Oral-diet	Primary
Mouse	Oral-diet	Primary
Mouse	Oral-diet	Primary
Mouse	Oral-diet	Primary
Mouse	Oral-diet	Primary
Mouse	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
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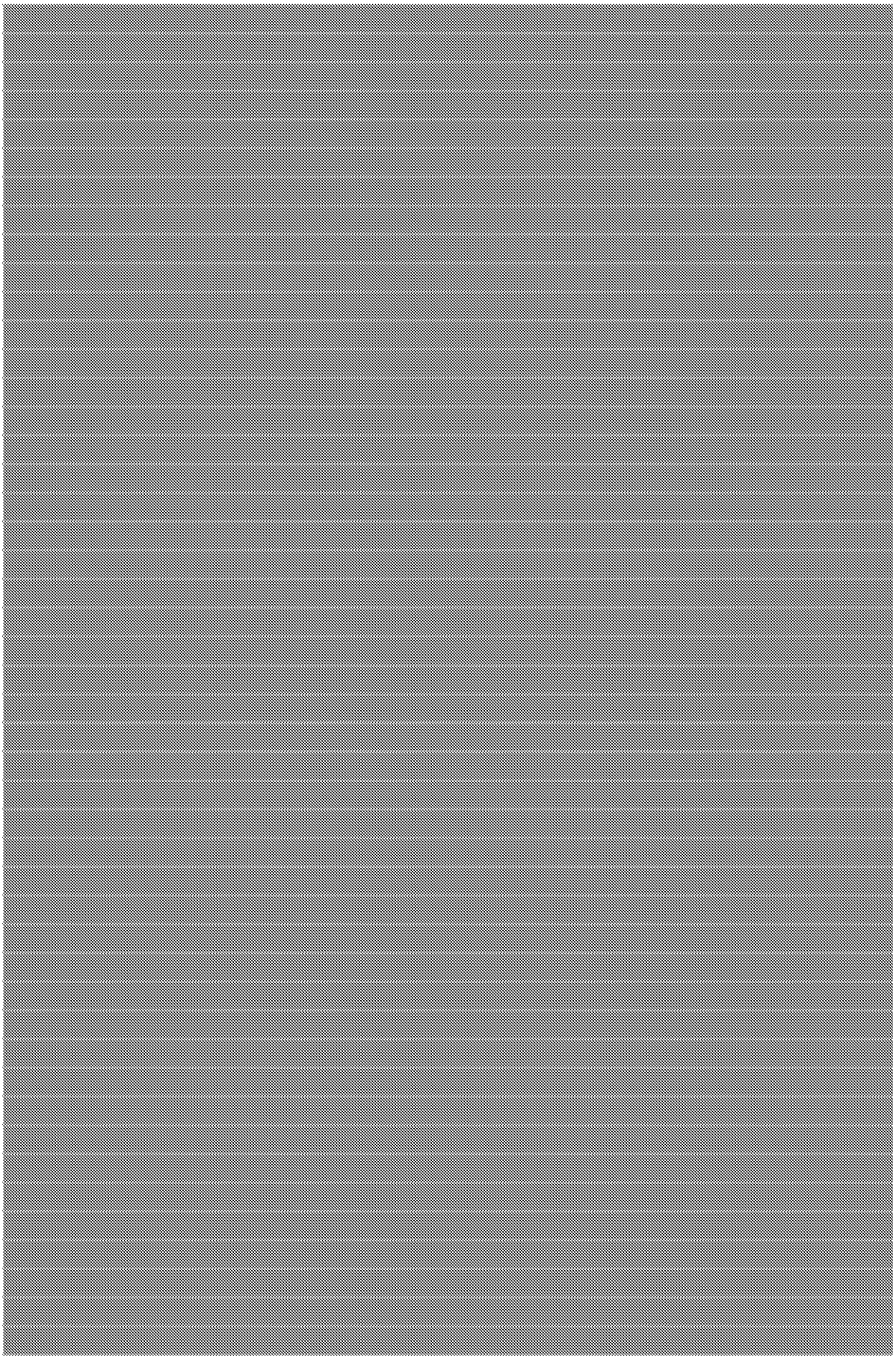
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Dermal	Primary
Rat	Oral-diet	Primary
Rat	Dermal	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary

NR (180 g, male)		84
NR (180 g, male)		84
NR (180 g, male)		84
NR (180 g, male)		84
NR (180 g, male)		84
NR (180 g, male)		84
	154	21
	154	14
	154	21
	122.5	14
	122.5	14
	122.5	14
	122.5	14
	122.5	14
	122.5	14
	46	3
	46	3
	46	3
	46	8
NR (150 g males)		30
NR (150 g males)		30
NR (150 g males)		30
NR (350 g males)		28
NR (350 g males)		28
NR (350 g males)		21
NR (350 g males)		
NR (350 g males)		28
NR (275 g females)		21
NR (150-170g, male)		4
NR (150-170g, male)		11
NR (150-170g, male)		4
NR (150-170g, male)		11



1	2000	2000
1	2000	2000
1	2000	2000
1	2000	2000
1	2000	2000
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0	4.35	17.07
0	4.35	17.07
0	4.35	17.07
1	50	200
1	50	200
1	50	200
1	50	200
1	50	200
1	300	300
1	300	300
1	300	300
1	300	300
1	500	500
1	500	500
1	500	500
1	5	500
1	5	500
1	5	500
1	5	500
1	500	500
0	45	45
1	250	250
0	45	45
1	250	250

N/A		2000	
N/A		2000	
N/A		2000	
N/A		2000	
N/A		2000	
N/A		2000	
			N/A
			N/A
			N/A
N/A		4.35	
N/A		4.35	
N/A		4.35	
			N/A
			N/A
N/A		50	
N/A		50	
N/A		50	
N/A		50	
			N/A
N/A		50	
N/A		300	
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N/A		300	
N/A		500	
N/A		500	
N/A		500	
	50	500	
	50	500	
	50	500	
			N/A
	50	500	
N/A		500	
N/A		45	
N/A		250	
N/A		45	
N/A		250	
			N/A
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			N/A
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			N/A
			N/A
			N/A
			N/A

Male rats given 2000 ppm Clophen A30 in the diet for 12 weeks. Significant change in p-nitroanisole-demethylase, anilin
Male rats given 2000 ppm Clophen A30 in the diet for 12 weeks. More morphological changes compared to other groups
Male rats given 2000 ppm Clophen A30 in the diet for 12 weeks. Significant treatment effect (p207, 210, Table 3).
Male rats given 2000 ppm Clophen A30 in the diet for 12 weeks. Significant change in liver weight (p206, Table 1).
Male rats given 2000 ppm Clophen A30 in the diet for 12 weeks. Higher red fluorescence of porphyria (Table 2) and signi
Male rats given 2000 ppm Clophen A30 in the diet for 12 weeks. Significant change in BSP (p210, Table 3).
Male rats given 2000 ppm Clophen A30 in the diet for 12 weeks. No change in brain weight (p206, Table 1).
Male rats given 2000 ppm Clophen A30 in the diet for 12 weeks. No change in kidney weight (p206, Table 1).
Adult female mice (between ages 100-180 days) were fed 0, 25, or 100 ppm (ad libitum) or 0, 36, or 143 ppm (70% ad libi
Adult female mice (between ages 100-180 days; exposure started after 2 weeks) were fed 0, 25, or 100 ppm (ad libitum)
Adult female mice (between ages 100-180 days, exposure started after 2 weeks) were fed 0, 25, or 100 ppm (ad libitum)
Adult female mice (between ages 100-180 days, exposure started after 2 weeks) were fed 0, 25, or 100 ppm (ad libitum)
Adult female mice (between ages 100-180 days) were fed 0, 25, or 100 ppm (ad libitum) or 0, 36, or 143 ppm (70% ad libi
Adult female mice fed 0, 25, or 100 ppm (ad libitum) or 0, 36, or 143 ppm (70% ad libitum). Authors report PCB intake in
Adult male mice (115-130 days old) were dosed with 0, 50, or 200 ppm (ad libitum) or 0, 100, or 400 ppm (50% ad libitum
Adult male mice (115-130 days old) were dosed with 0, 50, or 200 ppm (ad libitum) or 0, 100, or 400 ppm (50% ad libitum
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Adult male mice (115-130 days old) were dosed with 0, 50, or 200 ppm (ad libitum) or 0, 100, or 400 ppm (50% ad libitum
Rats aged 6-7 weeks (used 6.5 weeks; 5-6 when acquired, followed by 7d basal diet) were fed 300 mg/kg-food of Aroclor
Rats aged 6-7 weeks (used 6.5 weeks; 5-6 when acquired, followed by 7d basal diet) were fed 300 mg/kg-food of Aroclor
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Rats aged 6-7 weeks (used 6.5 weeks; 5-6 when acquired, followed by 7d basal diet) were fed 300 mg/kg-food of Aroclor
Male rats (150g) given diet with 0 or 500 ppm Kanechlor 500 for 30 days. Pigmentation in liver was altered. ("In PCB trea
Male rats (150g) given diet with 0 or 500 ppm Kanechlor 500 for 30 days. Liver weight was increased. ("In PCB treated ra
Male rats (150g) given diet with 0 or 500 ppm Kanechlor 500 for 30 days. Liver levels of sodium and magnesium were alt
Males rats (350g (HERO ID: 2179493) given Aroclor 1254 in diet at concentrations of 5, 50, and 500ppm for a maximum o
Males rats (350g (HERO ID: 2179493) given Aroclor 1254 in diet at concentrations of 5, 50, and 500ppm for a maximum o
Males rats (350g (HERO ID: 2179493) given Aroclor 1254 in diet at concentrations of 5, 50, and 500ppm for a maximum o
Males rats (350g (HERO ID: 2179493) given Aroclor 1254 in diet at concentrations of 5, 50, and 500ppm for a maximum o
Males rats (350g (HERO ID: 2179493) given Aroclor 1254 in diet at concentrations of 5, 50, and 500ppm for a maximum o
Male and female rats dosed with Aroclor 1254 in diet for up to 4 weeks, females only given 0 or 500 ppm; females showe
Male rats (150-170g) were dosed dermally with 10uL of a solution that was 30% Aroclor 1254 per 100g-bw (30uL Aroclor
Male rats (150-170g) were dosed with 250ppm Aroclor 1254 in the diet for 11 days. Protein in supernatant was altered b
Male rats (150-170g) were dosed dermally with 10uL of a solution that was 30% Aroclor 1254 per 100g-bw (30uL Aroclor
Male rats (150-170g) were dosed with 250ppm Aroclor 1254 in the diet for 11 days. Liver weight was altered by treatmer
4 week old male rats were fed diets containing 100ppm Aroclor 1248 for up to 52 weeks. Rats were analyzed at time poir
4 week old male rats were fed diets containing 100ppm Aroclor 1254 for up to 52 weeks. Rats were analyzed at time poir
4 week old male rats were fed diets containing 100ppm Aroclor 1262 for up to 52 weeks. Rats were analyzed at time poir
4 week old male rats were fed diets containing 100ppm Aroclor 1248 for up to 52 weeks. Rats were analyzed at time poir
4 week old male rats were fed diets containing 100ppm Aroclor 1254 for up to 52 weeks. Rats were analyzed at time poir
4 week old male rats were fed diets containing 100ppm Aroclor 1262 for up to 52 weeks. Rats were analyzed at time poir
4 week old male rats were fed diets containing 100ppm Aroclor 1248 for up to 52 weeks. Rats were analyzed at time poir
4 week old male rats were fed diets containing 100ppm Aroclor 1254 for up to 52 weeks. Rats were analyzed at time poir
4 week old male rats were fed diets containing 100ppm Aroclor 1262 for up to 52 weeks. Rats were analyzed at time poir
4 week old male rats were fed diets containing 100ppm Aroclor 1248 for up to 52 weeks. Rats were analyzed at time poir

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22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
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22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE

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Allen et al.	1976	2179602
Allen et al.	1976	2179602
Allen et al.	1976	2179602

serum triglyceride levels
serum triglyceride levels
cholesterol
cholesterol
cholesterol
liver histopathology
liver histopathology
liver histopathology
lipid-laden cells in liver
lipid-laden cells in liver
lipid-laden cells in liver
liver weight
liver weight
liver weight
spleen and thymus histopathology
spleen and thymus histopathology
spleen and thymus histopathology
spleen and thymus weight
spleen and thymus weight
spleen and thymus weight
total white cell count and differential
total white cell count and differential
total white cell count and differential
brain weight and histopathology
brain weight and histopathology
brain weight and histopathology
testes histopathology
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lung weight
lung weight
lung weight
lung histopathology
lung histopathology
lung histopathology
kidney histopathology
kidney histopathology
kidney histopathology
kidney weight
kidney weight
kidney weight
pup weights at PND 0, 8, and 16
percentage of body fat in pups at PND 0, 8, and 16
number of implantations, percent of ova implanted

Blood Triglycerides	Hepatobiliary
Blood Triglycerides	Hepatobiliary
Cholesterol	Hepatobiliary
Cholesterol	Hepatobiliary
Cholesterol	Hepatobiliary
Liver Histopathology	Hepatobiliary
Liver Histopathology	Hepatobiliary
Liver Histopathology	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Immune Organ Histopathology	Immune System
Immune Organ Histopathology	Immune System
Immune Organ Histopathology	Immune System
Immune Organ Size/Weight	Immune System
Immune Organ Size/Weight	Immune System
Immune Organ Size/Weight	Immune System
White Blood Cell (WBC) Counts	Immune System
White Blood Cell (WBC) Counts	Immune System
White Blood Cell (WBC) Counts	Immune System
Brain Weight & Histopathology	Nervous System
Brain Weight & Histopathology	Nervous System
Brain Weight & Histopathology	Nervous System
Reproductive Organ Histopathology (M)	Reproductive
Reproductive Organ Histopathology (M)	Reproductive
Reproductive Organ Histopathology (M)	Reproductive
Reproductive Organ Size/Weight (M)	Reproductive
Reproductive Organ Size/Weight (M)	Reproductive
Reproductive Organ Size/Weight (M)	Reproductive
Lung Weight	Respiratory
Lung Weight	Respiratory
Lung Weight	Respiratory
Pulmonary Histopathology	Respiratory
Pulmonary Histopathology	Respiratory
Pulmonary Histopathology	Respiratory
Kidney Histopathology	Urinary System
Kidney Histopathology	Urinary System
Kidney Histopathology	Urinary System
Kidney Weight	Urinary System
Kidney Weight	Urinary System
Kidney Weight	Urinary System
Weight and Size (Early Life)	Developmental
Adipose Tissue Size/Weight	Metabolic
Offspring Mortality	Developmental

Aroclor 1254
Aroclor 1262
Aroclor 1248
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Clophen A60

Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary

	28	365	
	28	91	
	28	91	
	28	91	
	28	182	
	28	182	
	28	182	
	28	182	
	28	182	
	28	182	
	28	91	
	28	91	
	28	91	

-62	12 N/A		N/A	0

		1	100	100
		1	100	100
		1	100	100
		1	100	100
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		1	100	100
		1	100	100
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		1	100	100

N/A	100		
			N/A
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N/A	100		
N/A	100		
N/A	100		
			N/A
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			N/A

4 week old male rats were fed diets containing 100ppm Aroclor 1254 for up to 52 weeks. Rats were analyzed at time poir
4 week old male rats were fed diets containing 100ppm Aroclor 1262 for up to 52 weeks. Rats were analyzed at time poir
4 week old male rats were fed diets containing 100ppm Aroclor 1248 for up to 52 weeks. Rats were analyzed at time poir
4 week old male rats were fed diets containing 100ppm Aroclor 1254 for up to 52 weeks. Rats were analyzed at time poir
4 week old male rats were fed diets containing 100ppm Aroclor 1262 for up to 52 weeks. Rats were analyzed at time poir
4 week old male rats were fed diets containing 100ppm Aroclor 1248 for up to 52 weeks. Rats were analyzed at time poir
4 week old male rats were fed diets containing 100ppm Aroclor 1254 for up to 52 weeks. Rats were analyzed at time poir
4 week old male rats were fed diets containing 100ppm Aroclor 1262 for up to 52 weeks. Rats were analyzed at time poir
4 week old male rats were fed diets containing 100ppm Aroclor 1248 for up to 52 weeks. Rats were analyzed at time poir
4 week old male rats were fed diets containing 100ppm Aroclor 1254 for up to 52 weeks. Rats were analyzed at time poir
4 week old male rats were fed diets containing 100ppm Aroclor 1262 for up to 52 weeks. Rats were analyzed at time poir
4 week old male rats were fed diets containing 100ppm Aroclor 1248 for up to 52 weeks. Rats were analyzed at time poir
4 week old male rats were fed diets containing 100ppm Aroclor 1254 for up to 52 weeks. Rats were analyzed at time poir
4 week old male rats were fed diets containing 100ppm Aroclor 1262 for up to 52 weeks. Rats were analyzed at time poir
4 week old male rats were fed diets containing 100ppm Aroclor 1248 for up to 52 weeks. Rats were analyzed at time poir
4 week old male rats were fed diets containing 100ppm Aroclor 1254 for up to 52 weeks. Rats were analyzed at time poir
4 week old male rats were fed diets containing 100ppm Aroclor 1262 for up to 52 weeks. Rats were analyzed at time poir
4 week old male rats were fed diets containing 100ppm Aroclor 1248 for up to 52 weeks. Rats were analyzed at time poir
4 week old male rats were fed diets containing 100ppm Aroclor 1254 for up to 52 weeks. Rats were analyzed at time poir
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4 week old male rats were fed diets containing 100ppm Aroclor 1254 for up to 52 weeks. Rats were analyzed at time poir
4 week old male rats were fed diets containing 100ppm Aroclor 1262 for up to 52 weeks. Rats were analyzed at time poir
4 week old male rats were fed diets containing 100ppm Aroclor 1248 for up to 52 weeks. Rats were analyzed at time poir
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4 week old male rats were fed diets containing 100ppm Aroclor 1248 for up to 52 weeks. Rats were analyzed at time poir
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4 week old male rats were fed diets containing 100ppm Aroclor 1262 for up to 52 weeks. Rats were analyzed at time poir
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4 week old male rats were fed diets containing 100ppm Aroclor 1254 for up to 52 weeks. Rats were analyzed at time poir
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4 week old male rats were fed diets containing 100ppm Aroclor 1254 for up to 52 weeks. Rats were analyzed at time poir
4 week old male rats were fed diets containing 100ppm Aroclor 1262 for up to 52 weeks. Rats were analyzed at time poir
Timed pregnant rat dams were dosed via the diet with 1, 10, or 30 ppm Aroclor 1254 starting at parturition. No significan
Timed pregnant rat dams were dosed via the diet with 1, 10, or 30 ppm Aroclor 1254 starting at parturition. No differenc
Sexually female mature mice given peanut oil (lapped from syringe) with 0 or 0.025 mg Clophen A 60 daily for an average

22	0.9	0.094	0.154	10	21 COMPLETE

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Orberg and Kihlström	1973	2179659
Orberg and Kihlström	1973	2179659
Orberg and Kihlström	1973	2179659
Yamane et al.	1975	2179734
Yamane et al.	1975	2179734
Yamane et al.	1975	2179734
Goldstein et al.	1975	2179842
Goldstein et al.	1975	2179842
Goldstein et al.	1975	2179842
Goldstein et al.	1975	2179842
Goldstein et al.	1975	2179842
Goldstein et al.	1975	2179842
Goldstein et al.	1975	2179842
Goldstein et al.	1975	2179842
Iverson et al.	1975	2179920
Iverson et al.	1975	2179920
Iverson et al.	1975	2179920
Iverson et al.	1975	2179920
Iverson et al.	1975	2179920
Iverson et al.	1975	2179920
Sanders and Kirkpatrick	1975	2180027
Sanders and Kirkpatrick	1975	2180027
Sanders and Kirkpatrick	1975	2180027
Sanders and Kirkpatrick	1975	2180027
Sanders and Kirkpatrick	1975	2180027
Sanders and Kirkpatrick	1975	2180027
Itokawa et al.	1975	2180042
Itokawa et al.	1975	2180042
Itokawa et al.	1975	2180042
Itokawa et al.	1975	2180042
Itokawa et al.	1975	2180042
Itokawa et al.	1975	2180042
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Itokawa et al.	1975	2180042
Itokawa et al.	1975	2180042
Itokawa et al.	1975	2180042
Itokawa et al.	1975	2180042
Itokawa et al.	1975	2180042
Hansell and Ecobichon	1974	2180274
Hansell and Ecobichon	1974	2180274
Hansell and Ecobichon	1974	2180274
Hansell and Ecobichon	1974	2180274

total number of cycles, mean length of oestrous cycles
number of corpora lutea
number of implantations, percent of ova implanted
thyroid weight
bile flow
liver weight
cytochrome P-450, drug-metabolizing enzymes, liver microsomal protein
cytochrome P-450, drug-metabolizing enzymes, liver microsomal protein
liver weight, liver/body weight
liver weight, liver/body weight
liver porphyrins
liver porphyrins
swelling of uterine horns
swelling of uterine horns
liver aniline hydroxylase, aminopyrene N-demethylase, cytochrome P450
liver aniline hydroxylase, aminopyrene N-demethylase, cytochrome P450
liver % body weight
liver % body weight
liver porphyrins
liver porphyrins
paired adrenal weight
plasma corticoids
pentobarbital-induced sleep time
liver weight
paired seminal vesicle weight, testis weights
sperm per mg testis and total sperm per testis
heart histopathology
heart weight
serum triglyceride
total cholesterol in liver and serum
liver aniline hydroxylase
light-microscopic examination of livers
liver triglyceride
liver weight, ratio of liver weight to body weight
serum SGOT, SGPT
spleen histopathology
spleen weight
brain weight and histopathology
testis histopathology
testicles weight
kidney histopathology
kidney weight
serum urea
liver cell smooth endoplasmic reticulum, lipid droplets, and microbodies
liver cell smooth endoplasmic reticulum, lipid droplets, and microbodies
liver cell lipid droplets
liver cell lipid droplets

Estrous/Menstrual Cycle	Reproductive
Ovulation	Reproductive
Pregnancy/conception rate	Reproductive
Thyroid Size/Weight	Endocrine
Bile Acid Content/Excretion	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Porphyrins	Hepatobiliary
Porphyrins	Hepatobiliary
Reproductive Organ Size/Weight (F)	Reproductive
Reproductive Organ Size/Weight (F)	Reproductive
Liver Enzyme Induction	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Porphyrins	Hepatobiliary
Porphyrins	Hepatobiliary
Adrenal Weight	Endocrine
HPA Hormones	Endocrine
Liver Enzyme Induction	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Reproductive Organ Size/Weight (M)	Reproductive
Sperm/semen parameters	Reproductive
Cardiovascular Histopathology	Cardiovascular
Heart Size/Weight	Cardiovascular
Blood Triglycerides	Hepatobiliary
Cholesterol	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Liver Histopathology	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Serum Biomarkers of Liver Health & Function	Hepatobiliary
Immune Organ Histopathology	Immune System
Immune Organ Size/Weight	Immune System
Brain Weight & Histopathology	Nervous System
Reproductive Organ Histopathology (M)	Reproductive
Reproductive Organ Size/Weight (M)	Reproductive
Kidney Histopathology	Urinary System
Kidney Weight	Urinary System
Serum Biomarkers of Renal Function	Urinary System
Liver Histopathology	Hepatobiliary
Liver Histopathology	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary

Clophen A60
Clophen A60
Clophen A60
Kanechlor 400
Kanechlor 400
Kanechlor 400
Aroclor 1016
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Aroclor 1254
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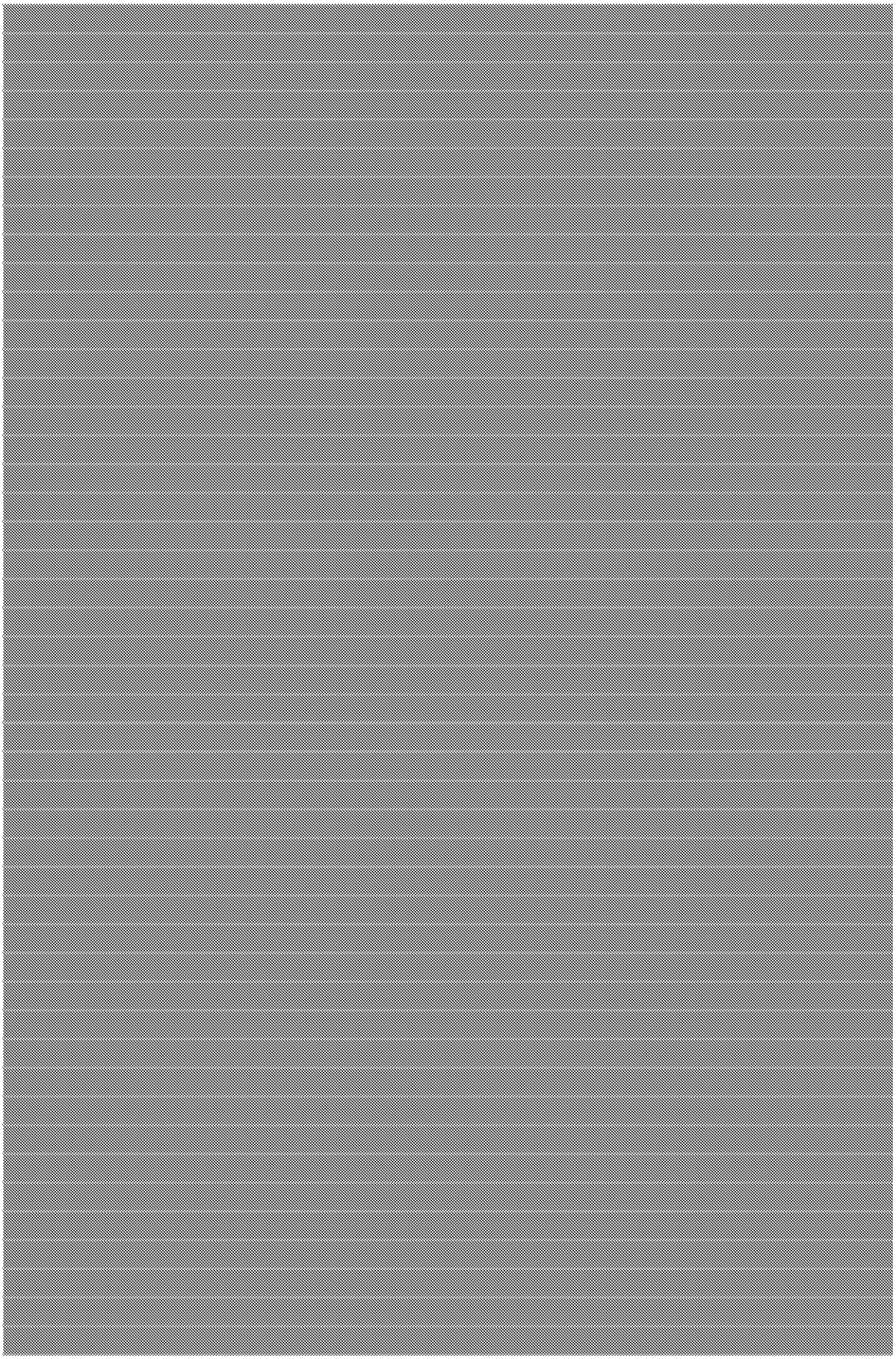
Aroclor 1260

Mouse	Oral-syringe	Primary
Mouse	Oral-syringe	Primary
Mouse	Oral-syringe	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Mouse	Oral-diet	Primary
Mouse	Oral-diet	Primary
Mouse	Oral-diet	Primary
Mouse	Oral-diet	Primary
Mouse	Oral-diet	Primary
Mouse	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat

NR (Sexually mature female)		62
NR (Sexually mature female)		74
NR (Sexually mature female)		74
NR (250-350 g males)		1
NR (250-350 g males)		1
NR (250-350 g males)		1
	30	183
	30	7
	30	183
	30	7
	30	183
	30	183
	30	7
	30	7
NR (190-210 g both sexes)		21
NR (190-210 g both sexes)		21
NR (190-210 g both sexes)		21
NR (190-210 g both sexes)		21
NR (190-210 g both sexes)		21
NR (190-210 g both sexes)		21
	165	14
	165	14
	165	14
	165	14
	165	14
NR (150g males)		30
NR (150g males)		30
NR (60 g)		212.92
NR (150g males)		30
NR (60 g)		212.92
NR (150g males)		30
NR (50-65 g, male)		3
NR (50-65 g, male)		3
NR (50-65 g, male)		3
NR (50-65 g, male)		3



	0	0.83	0.83
	0	0.83	0.83
	0	0.83	0.83
	0	66.7	667
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	0	6	30
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	0	0.01	100
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	0	0.01	100
	1	100	400
	1	100	400
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	1	100	400
	1	100	400
	0	1.15	57.67
	0	1.15	57.67
	0	47.66	69.76
	0	1.15	57.67
	0	47.66	69.76
	0	1.15	57.67
	0	50	50
	0	50	50
	0	50	50
	0	50	50

N/A		0.83	
N/A		0.83	
N/A		0.83	
N/A		66.7	
	66.7	667	
	66.7	667	
N/A		6	
N/A		6	
N/A		6	
N/A		6	
	6	30	
N/A		6	
N/A		6	
N/A		6	
	0.1	1	
	0.1	1	
	0.1	1	
	0.1	1	
	10	100	
	1	10	
			N/A
	200	400	
N/A		100	
N/A		100	
	200	400	
	200	400	
			N/A
			N/A
			N/A
	1.15	11.53	
	1.15	11.53	
N/A		47.66	
			N/A
	1.15	11.53	
N/A		47.66	
			N/A
			N/A
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			N/A
			N/A
			N/A
	11.53	57.67	
N/A		50	
N/A		50	
N/A		50	
N/A		50	

Sexually female mature mice given peanut oil (lapped from syringe) with 0 or 0.025 mg Clophen A 60 daily for an average
Sexually female mature mice given peanut oil (lapped from syringe) with 0 or 0.025 mg Clophen A 60 daily for an average
Sexually female mature mice given peanut oil (lapped from syringe) with 0 or 0.025 mg Clophen A 60 daily for an average
Wistar strain albino male rats, weighing 250 to 350g received 20 or 200 mg of KC-400 dissolved in 0.5 ml of olive oil using
Wistar strain albino male rats, weighing 250 to 350g received 20 or 200 mg of KC-400 dissolved in 0.5 ml of olive oil using
Wistar strain albino male rats, weighing 250 to 350g received 20 or 200 mg of KC-400 dissolved in 0.5 ml of olive oil using
1 month old female rats given chow ad lib with 100 or 500 ppm of Aroclor 1016 for 1 week or 6 months. Authors note on
1 month old female rats given chow ad lib with 100 or 500 ppm of Aroclor 1242 for 1 week or 6 months. Authors note on
1 month old female rats given chow ad lib with 100 or 500 ppm of Aroclor 1016 for 1 week or 6 months. Authors note on
1 month old female rats given chow ad lib with 100 or 500 ppm of Aroclor 1242 for 1 week or 6 months. Authors note on
1 month old female rats given chow ad lib with 100 or 500 ppm of Aroclor 1016 for 1 week or 6 months. Authors note on
1 month old female rats given chow ad lib with 100 or 500 ppm of Aroclor 1242 for 1 week or 6 months. Authors note on
1 month old female rats given chow ad lib with 100 or 500 ppm of Aroclor 1016 for 1 week or 6 months. Authors note on
1 month old female rats given chow ad lib with 100 or 500 ppm of Aroclor 1242 for 1 week or 6 months. Authors note on
Male and female rats gavaged with 0, 0.01, 0.1, 1, 10, or 100 mg/kg of Aroclor 1016 for 21 days. Authors report that no ef
Male and female rats gavaged with 0, 0.01, 0.1, 1, 10, or 100 mg/kg of Aroclor 1242 for 21 days. Authors report that no ef
Male and female rats gavaged with 0, 0.01, 0.1, 1, 10, or 100 mg/kg of Aroclor 1016 for 21 days. Authors report that no ef
Male and female rats gavaged with 0, 0.01, 0.1, 1, 10, or 100 mg/kg of Aroclor 1242 for 21 days. Authors report that no ef
Male and female rats gavaged with 0, 0.01, 0.1, 1, 10, or 100 mg/kg of Aroclor 1016 for 21 days. Authors report that no ef
Male and female rats gavaged with 0, 0.01, 0.1, 1, 10, or 100 mg/kg of Aroclor 1242 for 21 days. Authors report that no ef
Adult male mice (age 145 - 185 days) dosed with 0, 100, 200, or 400 ppm in diet for 2 weeks. Treatment did not affect pai
Adult male mice (age 145 - 185 days) dosed with 0, 100, 200, or 400 ppm in diet for 2 weeks. Plasma corticoids were alter
Adult male mice (age 145 - 185 days) dosed with 0, 100, 200, or 400 ppm in diet for 2 weeks. Pentobarbital-induced sleep
Adult male mice (age 145 - 185 days) dosed with 0, 100, 200, or 400 ppm in diet for 2 weeks. Liver weight was altered by
Adult male mice (age 145 - 185 days) dosed with 0, 100, 200, or 400 ppm in diet for 2 weeks. Paired seminal vesicle weigl
Adult male mice (age 145 - 185 days) dosed with 0, 100, 200, or 400 ppm in diet for 2 weeks. Sperm per mg testis and tot
Male rats were exposed to Kanechlor 500 via the diet in 2 different experiments. Experiment I: dose = 500ppm; dosed for
Male rats were exposed to Kanechlor 500 via the diet in 2 different experiments. Experiment I: dose = 500ppm; dosed for
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Male rats were exposed to Kanechlor 500 via the diet in 2 different experiments. Experiment I: dose = 500ppm; dosed for
Male rats (50-65g) were IP injected with 50 mg/kg/day of Aroclor 1254 for 3 days. All parameters were altered by treatm
Male rats (50-65g) were IP injected with 50 mg/kg/day of Aroclor 1260 for 3 days. All parameters were altered by treatm
Male rats (50-65g) were IP injected with 50 mg/kg/day of Aroclor 1254 for 3 days. Liver cell lipid droplets were altered by
Male rats (50-65g) were IP injected with 50 mg/kg/day of Aroclor 1260 for 3 days. Liver cell lipid droplets were altered by

18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
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22	0.9	0.094	0.154	10	21 COMPLETE
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18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE

Katie
Katie
Katie

Hansell and Ecobichon	1974	2180274
Hansell and Ecobichon	1974	2180274
Orberg and Lundberg	1974	2180432
Orberg and Lundberg	1974	2180432
Orberg and Lundberg	1974	2180432
Koller	1973	2180483
Kimbrough	1973	2180556
Kato et al.	1972	2181050
Kato et al.	1972	2181050
Kato et al.	1972	2181050
Kato et al.	1972	2181050
Kato et al.	1972	2181050
Kato et al.	1972	2181050
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Kato et al.	1972	2181050
Kato et al.	1972	2181050
Kato et al.	1972	2181050
Kato et al.	1972	2181050
Inao	1970	2181226
Inao	1970	2181226
Provost et al.	2007	2181581
Provost et al.	2007	2181581
Provost et al.	2007	2181581
Provost et al.	2007	2181581
Provost et al.	2007	2181581
Quazi	1985	2181705
Quazi	1985	2181705
Quazi	1985	2181705
Quazi	1985	2181705
Rao and Banerji	1990	2181849
Seegal et al.	1991	2183795
Seegal et al.	1991	2183795
Seegal et al.	1991	2183795
Seegal et al.	1991	2183795
Suzuki	1980	2185504
Suzuki	1980	2185504
Suzuki	1980	2185504
Suzuki	1980	2185504
Villeneuve et al.	1971	2187123
Villeneuve et al.	1971	2187123
Villeneuve et al.	1971	2187123
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Villeneuve et al.	1971	2187123
Villeneuve et al.	1971	2187123

liver weight
liver weight
cytochrome P-450
liver weight
seminal vesicles weight, testes weight
antibody titers to pseudo rabies
pancreatic-type tissue observed in liver
heart weight
hair loss
malformations
number of live fetuses, number of stillborn fetuses, number of postnatal deaths, histological findings of hypoplastic uteru
body weight through PND 60
intestinal hemorrhage
increased smooth endoplasmic reticulum and inhibition of mitochondria, and some degeneration
liver-body weight ratios, swelling of the liver
spleen histopath
spleen wt
alveolar desctruction, pulmonary edema
kidney histopathology
kidney weight
adrenal weight
liver weight
pup body weight
serum T3, T4
serum T3, T4
serum leptin
serum leptin
blood triglycerides
cholesterol
total lipids, phospholipid, triglyceride
liver weight
non-neoplastic lesions in thymus and spleen
changes in skin pigmentation
chloracne
alopecia
brain concentrations of dopamine, norepinephrine, serotonin
hemoglobin
plasma cholesterol
pentobarbital sleeping time
urinary ascorbic acid
heart weight
number of fetuses per litter
placental weight
body weight gain, fetal body weights
serum cholesterol
liver carboxylesterase activity, parathion degradation, liver aniline hydroxylase and aminopyrine n-demthylase activity
liver weight

Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Reproductive Organ Size/Weight (M)	Reproductive
Antibody Responses	Immune System
Liver Histopathology	Hepatobiliary
Heart Size/Weight	Cardiovascular
Alopecia	Dermal
Birth Defects	Developmental
Offspring Mortality	Developmental
Weight and Size (Early Life)	Developmental
Digestive system complaints/diseases	Gastrointestinal
Liver Histopathology	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Immune Organ Histopathology	Immune System
Immune Organ Size/Weight	Immune System
Pulmonary Histopathology	Respiratory
Kidney Histopathology	Urinary System
Kidney Weight	Urinary System
Adrenal Weight	Endocrine
Liver Weight/Hepatomegaly	Hepatobiliary
Weight and Size (Early Life)	Developmental
HPT Hormones	Endocrine
HPT Hormones	Endocrine
Overweight/Obesity	Metabolic
Overweight/Obesity	Metabolic
Blood Triglycerides	Hepatobiliary
Cholesterol	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Immune Organ Histopathology	Immune System
Abnormal Pigmentation	Dermal
Acne/Chloracne	Dermal
Alopecia	Dermal
Neurotransmitter Levels	Nervous System
Red Blood Cells/Hemoglobin	Hematopoietic
Cholesterol	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Micronutrients	Hepatobiliary
Heart Size/Weight	Cardiovascular
Offspring Mortality	Developmental
Placental Weight	Developmental
Weight and Size (Early Life)	Developmental
Cholesterol	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary

Aroclor 1254
Aroclor 1260
Clophen A60
Clophen A60
Clophen A60
Aroclor 1221Aroclor 1242Aroclor 1254
Aroclor 1254
Kanechlor 400
Kanechlor 400
Kanechlor 400
Kanechlor 400
Kanechlor 400
Kanechlor 400
Kanechlor 400
Kanechlor 400
Kanechlor 400
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Aroclor 1254
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Aroclor 1248
Aroclor 1248
Aroclor 1248
Aroclor 1248
Aroclor 1260
Aroclor 1016
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Aroclor 1221Aroclor 1254
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Aroclor 1221Aroclor 1254
Aroclor 1221Aroclor 1254
Aroclor 1221Aroclor 1254

Rat	Injection-ip	Primary
Rat	Injection-ip	Primary
Mouse	Oral-gavage	Primary
Mouse	Oral-gavage	Primary
Mouse	Oral-gavage	Primary
Rabbit	Oral-gavage	
Rat	Oral-diet	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Secondary
Rat	Oral-gavage	Secondary
Rat	Oral-gavage	Secondary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Secondary
Rat	Oral-diet	Primary
Rat	Oral-diet	Secondary
Rat	Oral-diet	Primary
Rat	Oral-diet	Secondary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Pigtail monkey	Oral-cookie	Primary
Pigtail monkey	Oral-cookie	Primary
Pigtail monkey	Oral-cookie	Primary
Pigtail monkey	Oral-cookie	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rabbit	Oral-gavage	
Rabbit	Oral-gavage	
Rabbit	Oral-gavage	
Rabbit	Oral-gavage	
Rabbit	Oral-gavage	
Rabbit	Oral-gavage	
Rabbit	Oral-gavage	

NR (50-65 g, male)		3	
NR (50-65 g, male)		3	
NR (sexually mature male)		28	
NR (sexually mature male)		28	
NR (sexually mature male)		28	
NR		182.5	
NR		7	
NR		10	
			no 10.6
NR		10	
NR		7	
NR		7	
NR		7	
NR		7	
NR		7	
NR		7	
NR		7	
NR (100 g females)		31	
NR (100 g females)		31	
			no 10
	32.5	21	
			no 10
NR (103 g males)		21	
NR (103 g males)		21	
NR (103 g males)		21	
NR (103 g males)		21	
	35	120	
Adult			
Adult			
Adult			
Adult		140	
NR (140 g males)		24	
NR (140 g males)		17	
NR (140 g males)		12	

0	22 N/A	N/A	0

0	43	44	52	21

0	37 N/A	N/A	15

		0	50	50
		0	50	50
		1	8.33	8.33
		1	8.33	8.33
		1	8.33	8.33
		1	500	500
		0	25	675
		0	25	675
22	3	0	25	675
		0	25	675
		0	25	675
		0	25	675
		0	25	675
		0	25	675
		0	25	675
		0	25	675
		0	25	675
		0	70	70
		0	70	70
52	5	1	1.25	1.25
		0	0.13	0.13
37	2	0	0.6	0.6
		0	27.5	27.5
		0	25.7	25.7
		0	25.7	25.7
		0	25.7	25.7
		1	50	100
		0	0.8	3.2
		1	500	500
		1	500	500
		1	500	500

N/A		50		
N/A		50		
N/A		8.33		
N/A		8.33		
N/A		8.33		
N/A		500		
	25	75		
	225	675		
				N/A
N/A		25	N/A	
				N/A
	225	675		
	25	75		
N/A		25		
	75	225		
N/A		25		
	75	225		
N/A		25		
N/A		25		
N/A		70		
N/A		70		
				N/A
				N/A
N/A		1.25	1.25	
N/A		0.13		
N/A		0.6	N/A	
N/A		27.5		
N/A		25.7		
N/A		25.7		
N/A		25.7		
N/A		50		
				N/A
				N/A
				N/A
N/A		0.8		
				N/A
N/A		500		
N/A		500		
N/A		500		

Male rats (50-65g) were IP injected with 50 mg/kg/day of Aroclor 1254 for 3 days. Liver weight was altered by treatment
Male rats (50-65g) were IP injected with 50 mg/kg/day of Aroclor 1260 for 3 days. Liver weight was altered by treatment
Sexually mature male mice dosed with 0.25 mg Clophen A60 in 0.1 ml peanut oil each day for 28 days. No body weight gi
Sexually mature male mice dosed with 0.25 mg Clophen A60 in 0.1 ml peanut oil each day for 28 days. No body weight gi
Sexually mature male mice dosed with 0.25 mg Clophen A60 in 0.1 ml peanut oil each day for 28 days. No body weight gi

Rats received dietary dose of 500 ppm for 6-8 months. Abstract states that "The pancreatic-type tissue was observed in li
Adult female rats dosed daily starting at GD0 with 0, 25, 75, 225, or 675 mg/kg. Heart weight assessed after 7 days of trea
Adult female rats dosed daily starting at GD0 with 0, 25, 75, 225, or 675 mg/kg. Groups dosed with 225 and 675 died arou
Adult female rats dosed daily starting at GD0 with 0, 25, 75, 225, or 675 mg/kg. Groups dosed with 225 and 675 died arou
Adult female rats dosed daily starting at GD0 with 0, 25, 75, 225, or 675 mg/kg. Groups dosed with 225 and 675 died arou
Adult female rats dosed daily starting at GD0 with 0, 25, 75, 225, or 675 mg/kg. Groups dosed with 225 and 675 died arou
Adult female rats dosed daily starting at GD0 with 0, 25, 75, 225, or 675 mg/kg. Groups dosed with 225 and 675 died arou
Adult female rats dosed daily starting at GD0 with 0, 25, 75, 225, or 675 mg/kg. Duration of treatment not noted, assumir
Adult female rats dosed daily starting at GD0 with 0, 25, 75, 225, or 675 mg/kg. Liver weight assessed after 7 days of trea
Adult female rats dosed daily starting at GD0 with 0, 25, 75, 225, or 675 mg/kg. Duration of treatment not noted, assumir
Adult female rats dosed daily starting at GD0 with 0, 25, 75, 225, or 675 mg/kg. Spleen weight assessed after 7 days of tre
Adult female rats dosed daily starting at GD0 with 0, 25, 75, 225, or 675 mg/kg. Duration of treatment not noted, assumir
Adult female rats dosed daily starting at GD0 with 0, 25, 75, 225, or 675 mg/kg. Duration of treatment not noted, assumir
Adult female rats dosed daily starting at GD0 with 0, 25, 75, 225, or 675 mg/kg. Kidney weight assessed after 7 days of tre
Dosed in diet with approx 7 mg/100 g/day for 31 or 33 days; difference in adrenal weight, but less so when adjusted for b
Dosed in diet with approx 7 mg/100 g/day for 31 or 33 days; liver weight increased with exposure (Table I); no statistics
Rat dams given diet of 0 or 1.25 mg/kg PCB ad lib from day of conception through gestation and lactation. Litter size NR;
Young adult rats (age 30-35 d) given diet of 0 or 1.25 mg/kg PCB ad lib for 21 d. Dose calculated based on body weight an
Rat dams given diet of 0 or 1.25 mg/kg PCB ad lib from day of conception through gestation and lactation. Litter size NR;
Young adult rats (age 30-35 d) given diet of 0 or 1.25 mg/kg PCB ad lib for 21 d. Dose calculated based on body weight an
Rat dams given diet of 0 or 1.25 mg/kg PCB ad lib from day of conception through gestation and lactation. "In the presen
Male rats given different diets containing 0.03% PCBs, ad lib. Significant difference in blood triglycerides for diet with bee
Male rats given different diets containing 0.03% PCBs, ad lib. Significant difference in serum total cholesterol for diet wit
Male rats given different diets containing 0.03% PCBs, ad lib. Significant difference in liver total lipids for diet with corn o
Male rats given different diets containing 0.03% PCBs, ad lib. Significant difference in liver weight for diet with corn oil vs
Rats dosed for 120 d with 50 or 100 ppm added to diet; "...there was degeneration of red pulp area in both the PCB fed gr
Exposure route assumed to be "oral-cookie" because other papers by this author using this model system have used that
Exposure route assumed to be "oral-cookie" because other papers by this author using this model system have used that
Exposure route assumed to be "oral-cookie" because other papers by this author using this model system have used that
Exposure route assumed to be "oral-cookie" because other papers by this author using this model system have used that
single exposure level (500 ppm); results reported in Table 1
single exposure level (500 ppm); results reported in Table 1
single exposure level (500 ppm); pentobarbital sleeping time measured on day 17; results reported in Table 1
single exposure level (500 ppm); urinary ascorbic acid measured on day 12-14; results reported in Table 1

22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
18	0.9	0.229	0.264	6	21	COMPLETE
18	0.9	0.229	0.264	6	21	COMPLETE
18	0.9	0.229	0.264	6	21	COMPLETE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
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22	0.9	0.094	0.154	10	21	COMPLETE
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22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
168	0.9	0.199	0.054	1	154	COMPLETE
168	0.9	0.199	0.054	1	154	COMPLETE
168	0.9	0.199	0.054	1	154	COMPLETE
168	0.9	0.199	0.054	1	154	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE

Katie
Katie
Katie
Katie
Katie
Geniece
Geniece
Geniece

Villeneuve et al.	1971	2187123
Villeneuve et al.	1971	2187123
Villeneuve et al.	1971	2187123
Villeneuve et al.	1971	2187123
Villeneuve et al.	1971	2187123
National Cancer Institute	1978	2192571
National Cancer Institute	1978	2192571
National Cancer Institute	1978	2192571
National Cancer Institute	1978	2192571
National Cancer Institute	1978	2192571
National Cancer Institute	1978	2192571
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National Cancer Institute	1978	2192571
National Cancer Institute	1978	2192571
National Cancer Institute	1978	2192571
National Cancer Institute	1978	2192571
National Cancer Institute	1978	2192571
National Cancer Institute	1978	2192571
Severino et al.	1994	2192718
Severino et al.	1994	2192718
Severino et al.	1994	2192718
Severino et al.	1994	2192718
Severino et al.	1994	2192718
Severino et al.	1994	2192718
Severino et al.	1994	2192718
Severino et al.	1994	2192718
Kato	1981	2197761
Kato	1981	2197761
Kato	1981	2197761
Horio et al.	1981	2197814
Horio et al.	1981	2197814
Horio et al.	1981	2197814
Horio et al.	1981	2197814
Quazi et al.	1983	2198120
Quazi et al.	1983	2198120
Quazi et al.	1983	2198120
Quazi et al.	1983	2198120

liver vitamin A (dams and fetuses)
spleen weight
brain weight
number mated vs number pregnant, litter size
kidney weight
alopecia
dermal histopathology
facial edema
adrenal histopathology
parathyroid histopathology
pituitary histopathology
diarrhea
GI histopathology
liver histopathology
liver histopathology
liver weight
spleen and lymph node histopathology
adipose tissue histopathology
activity level
brain histopathology
tremors
ocular histopathology
exophthalmos
uterine and ovarian histopathology
cyanosis
pulmonary histopathology
kidney hydronephropsis cyst
amber colored urine
congenital abnormalities
litter size
pup weight
liver histopathology
bone histopathology
frequency of estrous during the 12 days pre-mating treatment period
litter size
kidney histopathology
serum corticosterone
serum & liver cholesterol
liver weight
plasma & liver cholesterol
aminopyrine N-demethylase activity, cytochrome P450 content
liver weight
ascorbic acid in urine and liver
serum lipids
serum & liver cholesterol
liver triglyceride, lipids, phospholipid
liver weight

Micronutrients	Hepatobiliary
Immune Organ Size/Weight	Immune System
Brain Weight & Histopathology	Nervous System
Pregnancy/Conception Rate	Reproductive
Kidney Weight	Urinary System
Alopecia	Dermal
Dermal Histopathology	Dermal
Subcutaneous Edema	Dermal
Adrenal Histopathology	Endocrine
Parathyroid Histopathology	Endocrine
Pituitary Histopathology	Endocrine
Digestive system complaints/diseases	Gastrointestinal
Gastrointestinal Histopathology	Gastrointestinal
Liver Histopathology	Hepatobiliary
Liver Histopathology	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Immune Organ Histopathology	Immune System
Adipose Tissue Histopathology	Metabolic
Neurological Symptoms	Nervous System
Brain Weight & Histopathology	Nervous System
Motor Function/Development	Nervous System
Ocular Histopathology	Ocular
Periorbital Edema	Ocular
Reproductive Organ Histopathology (F)	Reproductive
Blood Gas Tension	Respiratory
Pulmonary Histopathology	Respiratory
Kidney Histopathology	Urinary System
Urinalysis	Urinary System
Birth Defects	Developmental
Offspring Mortality	Developmental
Weight and Size (Early Life)	Developmental
Liver Histopathology	Hepatobiliary
Bone Histopathology	Musculoskeletal
Estrous/Menstrual Cycle	Reproductive
Pregnancy/conception rate	Reproductive
Kidney Histopathology	Urinary System
HPA Hormones	Endocrine
Cholesterol	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Cholesterol	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Micronutrients	Hepatobiliary
Blood Triglycerides	Hepatobiliary
Cholesterol	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary

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Fenclor 64
Fenclor 64
Fenclor 64
Fenclor 64
Fenclor 64
Fenclor 64
Fenclor 64
Fenclor 64
Aroclor 1248
Aroclor 1248
Aroclor 1248
PCBs
PCBs
PCBs
PCBs
Aroclor 1248
Aroclor 1248
Aroclor 1248
Aroclor 1248

Rabbit	Oral-gavage	
Rabbit	Oral-gavage	
Rabbit	Oral-gavage	
Rabbit	Oral-gavage	
Rabbit	Oral-gavage	
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
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Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-gavage	Secondary
Rat	Oral-gavage	Secondary
Rat	Oral-gavage	Secondary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Secondary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary

		53	728
		53	728
		53	56
		53	735
		53	728
		53	56
		53	56
		53	728
		53	56
		53	56
		53	728
		53	728
		53	728
		53	735
		53	728
		no	10.7
NR (sexually mature females)	12		
		no	11
NR (sexually mature females)	12		
NR (sexually mature females)	12		
NR (95-115 g males)	10		
NR (95-115 g males)	10		
NR (120-130 g males)	14		
NR (120-130 g males)	10		
NR (120-130 g males)	10		
NR (120-130 g males)	10		
NR (87-88 g females)	5		
NR (87-88 g females)	5		
NR (87-88 g females)	5		
NR (87-88 g females)	5		

-12	18	N/A	N/A	5
-12	0	N/A	N/A	0

		1	25	100
		1	25	100
		1	25	400
		1	25	100
		1	25	100
		1	25	400
		1	25	400
		1	25	100
		1	25	400
		1	25	400
		1	25	100
		1	25	100
		1	25	100
		1	25	100
		1	25	100

39	2	0	100	100
		0	100	100
19	3	0	100	100
		0	100	100
		0	100	100
		1	500	500
		1	500	500
		1	200	200
		1	30	30
		1	30	30
		1	30	30
		1	300	300
		1	300	300
		1	300	300
		1	300	300

25	50		
			N/A
25	50		
			N/A
			N/A
			N/A
200	400		
50	100		
N/A	25		
100	200		
N/A	25		
N/A	25		
			N/A
200	400		
			N/A
200	400		
			N/A
25	50		
25	50		
25	50		
N/A	25		
			N/A
25	50		
			N/A
			N/A
N/A	100	N/A	
N/A	100		
N/A	100	N/A	
N/A	100		
			N/A
N/A	100		
			N/A
N/A	500		
N/A	500		
N/A	200		
N/A	30		
N/A	30		
N/A	30		
N/A	300		
N/A	300		
N/A	300		
N/A	300		

Male and female rats (53 days old, see p. 24 of PDF) were dosed with 0, 25, 50, or 100 ppm for 104-105 weeks. Alopecia v
Male and female rats (53 days old, see p. 24 of PDF) were dosed with 0, 25, 50, or 100 ppm for 104-105 weeks, and necro
Male and female rats (53 days old, see p. 24 of PDF) were dosed with 0, 25, 50, or 100 ppm for 104-105 weeks. Facial ede
Male and female rats (53 days old, see p. 24 of PDF) were dosed with 0, 25, 50, or 100 ppm for 104-105 weeks, and necro
Male and female rats (53 days old, see p. 24 of PDF) were dosed with 0, 25, 50, or 100 ppm for 104-105 weeks, and necro
Male and female rats (53 days old, see p. 24 of PDF) were dosed with 0, 25, 50, or 100 ppm for 104-105 weeks, and necro
An additional sub-chronic exposure study was conducted. Male and female rats (53 days old) were dosed with 0, 25, 50,
Male and female rats (53 days old, see p. 24 of PDF) were dosed with 0, 25, 50, or 100 ppm for 104-105 weeks, and necro
Male and female rats (53 days old, see p. 24 of PDF) were dosed with 0, 25, 50, or 100 ppm for 104-105 weeks, and necro
An additional sub-chronic exposure study was conducted. Male and female rats (53 days old) were dosed with 0, 25, 50,
An additional sub-chronic exposure study was conducted. Male and female rats (53 days old) were dosed with 0, 25, 50,
Male and female rats (53 days old, see p. 24 of PDF) were dosed with 0, 25, 50, or 100 ppm for 104-105 weeks, and necro
Male and female rats (53 days old, see p. 24 of PDF) were dosed with 0, 25, 50, or 100 ppm for 104-105 weeks, and necro
An additional sub-chronic exposure study was conducted. Male and female rats (53 days old) were dosed with 0, 25, 50,
Male and female rats (53 days old, see p. 24 of PDF) were dosed with 0, 25, 50, or 100 ppm for 104-105 weeks, and necro
An additional sub-chronic exposure study was conducted. Male and female rats (53 days old) were dosed with 0, 25, 50,
Male and female rats (53 days old, see p. 24 of PDF) were dosed with 0, 25, 50, or 100 ppm for 104-105 weeks, and necro
Male and female rats (53 days old, see p. 24 of PDF) were dosed with 0, 25, 50, or 100 ppm for 104-105 weeks. Exphtalm
Male and female rats (53 days old, see p. 24 of PDF) were dosed with 0, 25, 50, or 100 ppm for 104-105 weeks, and necro
Male and female rats (53 days old, see p. 24 of PDF) were dosed with 0, 25, 50, or 100 ppm for 104-105 weeks. Cyanosis
Male and female rats (53 days old, see p. 24 of PDF) were dosed with 0, 25, 50, or 100 ppm for 104-105 weeks, and necro
Male and female rats (53 days old, see p. 24 of PDF) were dosed with 0, 25, 50, or 100 ppm for 104-105 weeks, and necro
Male and female rats (53 days old, see p. 24 of PDF) were dosed with 0, 25, 50, or 100 ppm for 104-105 weeks. Amber cc

Dams dosed 12 days preconception to GD18; body weight measured at PND5 (Table 5); litter size of LOAEL dose group re
Dams dosed 12 days preconception (or to GD18); assessed GD19 in dams; assume effects observed with only 12 day prer
Dams dosed 12 days preconception; bone histo assessed at GD19 (Table 3); litter size of LOAEL dose group reported as 11
Dams dosed for 12 days preconception (Table 1)

Dams dosed 12 days preconception (or to GD18); assessed GD19 in dams; assume effects observed with only 12 day prer

Dosed with 0.05% PCBs added to diet, food provided ad lib; significant difference from control group (Table 1)
Dosed with 0.05% PCBs added to diet, food provided ad lib; significant difference from control group (Table 1)
Rats dosed with PCB treated food provided ad lib; effects on cholesterol observed following 14d dosing at 200 ppm (Tabl
Rats dosed with PCB treated food provided ad lib; effects on liver enzyme activity observed following 10d dosing at 30 pp
Rats dosed with PCB treated food provided ad lib; effects on liver weight observed following 10d dosing at 30 ppm (Table
Rats dosed with PCB treated food provided ad lib; effects on ascorbic acid observed following 10d dosing at 30 ppm (Tabl
Rats given ad lib diet of 300 ppm for 5 d (lowest exposure duration); effects on serum lipids (Table 1)
Rats given ad lib diet of 300 ppm for 5 d (lowest exposure duration); effects on cholesterol (Table 1)
Rats given ad lib diet of 300 ppm for 5 d (lowest exposure duration); effects on liver lipids (Table 2)
Rats given ad lib diet of 300 ppm for 5 d (lowest exposure duration); effects on liver weight (Table 2)

CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
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22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	NONE
22	0.9	0.094	0.154	10	21	NONE
22	0.9	0.094	0.154	10	21	NONE
22	0.9	0.094	0.154	10	21	NONE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE

Geniece
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Quazi et al.	1984	2198216
Quazi et al.	1984	2198216
Quazi et al.	1984	2198216
Quazi et al.	1984	2198216
Wassermann et al.	1973	2198726
Wassermann et al.	1973	2198726
Jensen et al.	1977	2198965
Jensen et al.	1977	2198965
Jensen et al.	1977	2198965
Jensen et al.	1977	2198965
Jensen et al.	1977	2198965
Kiriyama et al.	1974	2199240
Kiriyama et al.	1974	2199240
Fujiwara	1977	2199440
Orberg et al.	1972	2199587
Hori et al.	1986	2199616
Hori et al.	1986	2199616
Hori et al.	1986	2199616
Hori et al.	1986	2199616
Hori et al.	1986	2199616
Hori et al.	1986	2199616
Hori et al.	1986	2199616
Hori et al.	1986	2199616
Hori et al.	1986	2199616
Hori et al.	1986	2199616
Hori et al.	1986	2199616
Hori et al.	1986	2199616
Hori et al.	1986	2199616
Jenke et al.	1988	2199873
Jenke et al.	1988	2199873
Jenke et al.	1988	2199873
Collins et al.	1979	2200044
Collins et al.	1979	2200044
Kakela et al.	1999	2200060
Kakela et al.	1999	2200060
Zepp and Kirkpatrick	1976	2200318
Zepp and Kirkpatrick	1976	2200318
Zepp and Kirkpatrick	1976	2200318
Zepp and Kirkpatrick	1976	2200318
Zepp and Kirkpatrick	1976	2200318
Zepp and Kirkpatrick	1976	2200318
Katayama et al.	1991	2200724
Katayama et al.	1991	2200724
Katayama et al.	1991	2200724
Katayama et al.	1991	2200724
Katayama et al.	1991	2200724

serum triglyceride
serum and liver cholesterol
liver total lipids, triglyceride, phospholipid
liver weight
electron microscopic evidence of thyroid hyperfunction
electron microscopic evidence of thyroid hyperfunction
litter size, litter number
hepatic cytochrome P450
relative liver weight
number of implantation sites per pregnant female
mating rate
plasma & liver cholesterol
liver weight
liver ascorbic acid, liver riboflavin, formation of ascorbic acid from D-glucuronolactone in liver homogenate, catabolism c
length of the oestrous cycle
heart weight
piloerection
nail changes
serum corticosteroids
serum lipids
cholesterol
hepatic microsomal enzymes (cytochrome P-450, NADPH-cytochrome c reductase, -p-nitroanisole O-demethylase, benzo
liver weight
serum GOT and GPT
thymus and spleen weight
Ig levels in serum
WBC counts
eye mucus
kidney weight
serum lipids (phospholipids, triglycerides)
serum and microsomal cholesterol
liver lipids
serum T4
thyroid histopathology
plasma T4
vitamin A and E in liver
litter size, offspring mortality
adrenal weight
serum corticoids
number of corpora lutea
proportion of females ovulating or becoming pregnant, litter size
ovarian weight
blood lipids
serum cholesterol
liver weight
alpha-tocopherol and ascorbic acid in liver tissue
spleen weight

Blood Triglycerides	Hepatobiliary
Cholesterol	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Thyroid Histopathology	Endocrine
Thyroid Histopathology	Endocrine
Offspring Mortality	Developmental
Liver Enzyme Induction	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Pregnancy/conception rate	Reproductive
Sexual behavior (F)	Reproductive
Cholesterol	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Micronutrients	Hepatobiliary
Estrous/Menstrual Cycle	Reproductive
Heart Size/Weight	Cardiovascular
Alopecia	Dermal
Finger/Toenail Deformity	Dermal
HPA Hormones	Endocrine
Blood Triglycerides	Hepatobiliary
Cholesterol	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Serum Biomarkers of Liver Health & Function	Hepatobiliary
Immune Organ Size/Weight	Immune System
Immunoglobulin Levels - Nonspecific	Immune System
White Blood Cell (WBC) Counts	Immune System
Ocular Discharge	Ocular
Kidney Weight	Urinary System
Blood Triglycerides	Hepatobiliary
Cholesterol	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
HPT Hormones	Endocrine
Thyroid Histopathology	Endocrine
HPT Hormones	Endocrine
Micronutrients	Hepatobiliary
Offspring Mortality	Developmental
Adrenal Weight	Endocrine
HPA Hormones	Endocrine
Ovulation	Reproductive
Pregnancy/Conception Rate	Reproductive
Reproductive Organ Size/Weight (F)	Reproductive
Blood Triglycerides	Hepatobiliary
Cholesterol	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Micronutrients	Hepatobiliary
Immune Organ Size/Weight	Immune System

Aroclor 1248
Aroclor 1248
Aroclor 1248
Aroclor 1248
Aroclor 1221
Aroclor 1254
PCBs
PCBs
PCBs
PCBs
PCBs
Aroclor 1248
Aroclor 1248
Mixture: Kanechlors 300, 400, 500, 600
Clophen A60
PCBs
PCBs
PCBs
PCBs
PCBs
PCBs
PCBs
PCBs
PCBs
PCBs
PCBs
PCBs
PCBs
PCBs
Clophen A50
Clophen A50
Clophen A50
Aroclor 1254
Aroclor 1254
Aroclor 1242
Aroclor 1242
Aroclor 1254
Aroclor 1254
Aroclor 1254
Aroclor 1254
Aroclor 1254
Aroclor 1254
PCB-48 (mixture)
PCB-48 (mixture)
PCB-48 (mixture)
PCB-48 (mixture)
PCB-48 (mixture)

Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-drinking water	Primary
Rat	Oral-drinking water	Primary
Mink	Oral-diet	Secondary
Mink	Oral-diet	Primary
Mink	Oral-diet	Primary
Mink	Oral-diet	Primary
Mink	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	
Mouse	Injection-ip	Primary
Rat	Oral-diet	
Rat	Oral-diet	
Rat	Oral-diet	
Rat	Oral-diet	
Rat	Oral-diet	
Rat	Oral-diet	
Rat	Oral-diet	
Rat	Oral-diet	
Rat	Oral-diet	
Rat	Oral-diet	
Rat	Oral-diet	
Rat	Oral-diet	
Rat	Oral-diet	
Rat	Oral-diet	
Rat	Oral-diet	
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Mink	Oral-diet	Primary
Mink	Oral-diet	Primary
Rabbit	Oral-diet	
Rabbit	Oral-diet	
Rabbit	Oral-diet	
Rabbit	Oral-diet	
Rabbit	Oral-diet	
Rabbit	Oral-diet	
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary

NR (89-90g male)		14	
NR (89-90g male)		14	
NR (89-90g male)		14	
NR (89-90g male)		14	
	35	70	
	35	49	
			no 4.5
NR		66	
NR		66	
NR		66	
NR		66	
NR (202 g males)		10	
NR (202 g males)		10	
NR (sexually mature females)		1	
	68	2	
	68	2	
	68	2	
	56	28	
	56	28	
	182.5	28	
	182.5	28	
NR (36-56 g males)		14	
NR (36-56 g males)		14	
NR (36-56 g males)		14	
NR (36-56 g males)		14	
NR (36-56 g males)		14	

-30	36 N/A	N/A	0

		1	300	300
		1	300	300
		1	300	300
		1	300	300
		1	250	250
		1	200	200
52	3	1	11	11
		1	11	11
		1	11	11
		1	11	11
		1	11	11
		1	2000	2000
		1	2000	2000
		0	20	20
		1	500	500
		1	500	500
		1	500	500
		1	50	500
		1	50	500
		0	1	1
		0	1	1
		1	500	500
		1	500	500
		1	500	500
		1	500	500
		1	500	500

N/A	300		
N/A	300		
N/A	300		
N/A	300		
N/A	250		
N/A	200		
N/A	11	N/A	
N/A	11		
N/A	11		
11	N/A		N/A
11	N/A		N/A
N/A	2000		
N/A	2000		
N/A	20		
N/A	500		
N/A	500		
N/A	500		
N/A	50		
N/A	50		
1	N/A		N/A
N/A	1		
N/A	500		
N/A	500		
N/A	500		
N/A	500		
500	N/A		N/A

Male rats (89-90g) were fed a diet with 300ppm of Aroclor 1248 for periods of up to 8 weeks with endpoints analyzed at
Male rats (89-90g) were fed a diet with 300ppm of Aroclor 1248 for periods of up to 8 weeks with endpoints analyzed at
Male rats (89-90g) were fed a diet with 300ppm of Aroclor 1248 for periods of up to 8 weeks with endpoints analyzed at
Male rats (89-90g) were fed a diet with 300ppm of Aroclor 1248 for periods of up to 8 weeks with endpoints analyzed at
Rats 30-40d of age were dosed with 0.25 ml /1000 ml A1221 for 10 weeks via water. Thyroid hyperfunction noted (p154)
Rats 30-40d of age were dosed with 200 mg / 1000 ml A1254 for 7 weeks via water. Thyroid hyperfunction noted (p154).
Adult female mink; control group fed 0.05 ppm PCBs; 3.3 ppm dose group included dosing with DDT; PCBs added to feed
Adult female mink; control group fed 0.05 ppm PCBs; 3.3 ppm dose group included dosing with DDT; PCBs added to feed
Adult female mink; control group fed 0.05 ppm PCBs; 3.3 ppm dose group included dosing with DDT; PCBs added to feed
Adult female mink; control group fed 0.05 ppm PCBs; 3.3 ppm dose group included dosing with DDT; PCBs added to feed
Adult female mink; control group fed 0.05 ppm PCBs; 3.3 ppm dose group included dosing with DDT; PCBs added to feed
Rats dosed for 10 days in diet. Consumed avg 52.5 g treated food per 10 days, 0.2% PCB in diet; cholesterol levels impact
Rats dosed for 10 days in diet. Consumed avg 52.5 g treated food per 10 days, 0.2% PCB in diet; liver weight impacted by

Mice given single ip injection; weight/age NR, described as sexually mature; "As seen from Fig. 1 and Table 1 the length c

Female rats fed 0.05% Clophen A50 in the diet for 2-42 days. 0.05% = 500 ppm. "The feeding was scheduled in such a wa
Female rats fed 0.05% Clophen A50 in the diet for 2-42 days. 0.05% = 500 ppm. "The feeding was scheduled in such a wa
Female rats fed 0.05% Clophen A50 in the diet for 2-42 days. 0.05% = 500 ppm. "The feeding was scheduled in such a wa
8 week old rats; effect on thyroxine levels observed after 4 weeks at 50 ppm (Table 1)
8 week old rats; effect on thyroid histopathology observed after 4 weeks at 50 ppm
Dosed with 1 mg per mink per day added to diet; dose = 1 mg/kg-d assuming the reference mass of 1.0 kg for mink {U.S.
Dosed with 1 mg per mink per day added to diet; dose = 1 mg/kg-d assuming the reference mass of 1.0 kg for mink {U.S.

0.05% PCB mix in food, supplied ad lib; sign. effect vs control diet (Table 2)
0.05% PCB mix in food, supplied ad lib; sign. effect vs control diet (Table 2)
0.05% PCB mix in food, supplied ad lib; "Dietary PCB...caused increases in liver weight (61%...) when expressed as percen
0.05% PCB mix in food, supplied ad lib; sign. effect vs control diet (Table 2)
0.05% PCB mix in food, supplied ad lib; "Dietary PCB...caused increases in liver weight (61%...) when expressed as percen

22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
52	0.9	0.312	0.066	5	56	NONE
52	0.9	0.312	0.066	5	56	NONE
52	0.9	0.312	0.066	5	56	NONE
52	0.9	0.312	0.066	5	56	NONE
52	0.9	0.312	0.066	5	56	NONE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	NONE
18	0.9	0.229	0.264	6	21	COMPLETE
22	0.9	0.094	0.154	10	21	NONE
22	0.9	0.094	0.154	10	21	NONE
22	0.9	0.094	0.154	10	21	NONE
22	0.9	0.094	0.154	10	21	NONE
22	0.9	0.094	0.154	10	21	NONE
22	0.9	0.094	0.154	10	21	NONE
22	0.9	0.094	0.154	10	21	NONE
22	0.9	0.094	0.154	10	21	NONE
22	0.9	0.094	0.154	10	21	NONE
22	0.9	0.094	0.154	10	21	NONE
22	0.9	0.094	0.154	10	21	NONE
22	0.9	0.094	0.154	10	21	NONE
22	0.9	0.094	0.154	10	21	NONE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
22	0.9	0.094	0.154	10	21	COMPLETE
52	0.9	0.312	0.066	5	56	COMPLETE
52	0.9	0.312	0.066	5	56	COMPLETE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9	CHECK	CHECK	CHECK	CHECK	NONE
22	0.9	0.094	0.154	10	21	NONE
22	0.9	0.094	0.154	10	21	NONE
22	0.9	0.094	0.154	10	21	NONE
22	0.9	0.094	0.154	10	21	NONE
22	0.9	0.094	0.154	10	21	NONE

Chelsea
Chelsea
Chelsea
Chelsea
Chelsea
Chelsea

Geniece
Geniece

Geniece

Chelsea
Chelsea
Chelsea
Geniece
Geniece
Geniece
Geniece

Katayama et al.	1991	2200724
Carter and Mercer	1983	2201028
Carter and Mercer	1983	2201028
Carter and Mercer	1983	2201028
Carter and Mercer	1983	2201028
Carter and Mercer	1983	2201028
Carter and Mercer	1983	2201028
Carter and Mercer	1983	2201028
Calandra	1976	2201050
Calandra	1976	2201050
Calandra	1976	2201050
Calandra	1976	2201050
Calandra	1976	2201050
Calandra	1976	2201050
Calandra	1976	2201050
Calandra	1976	2201050
Calandra	1976	2201050
Calandra	1976	2201050
Calandra	1976	2201050
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Calandra	1976	2201050
Calandra	1976	2201050
Calandra	1976	2201050
Calandra	1976	2201050
Calandra	1976	2201050
Calandra	1976	2201050

kidney weight
heart weight
adrenal weight
liver weight
spleen wt
testis weight
lung weight
kidney weight
teratogenicity
teratogenicity
teratogenicity
structurally normal progeny
structurally normal progeny
structurally normal progeny
fetal resorption
fetal resorption
fetal resorption
ability of females to carry the delivery process to parturition
ability of females to carry the delivery process to parturition
ability of females to carry the delivery process to parturition
primary liver lesions
primary liver lesions
primary liver lesions
liver weight
liver weight
liver weight
SAP, SGPT
SAP, SGPT
SAP, SGPT
blood glucose
blood glucose
blood glucose
number of implantation sites, number of resorption sites, number of viable embryos, preimplantation loss
number of implantation sites, number of resorption sites, number of viable embryos, preimplantation loss
number of implantation sites, number of resorption sites, number of viable embryos, preimplantation loss
ability of females to conceive, incidence of pregnancy
ability of females to conceive, incidence of pregnancy
ability of females to conceive, incidence of pregnancy
changes in the reproductive tract of females
changes in the reproductive tract of females
changes in the reproductive tract of females
changes in the reproductive tract of males
changes in the reproductive tract of males
changes in the reproductive tract of males
mating index
mating index
mating index

Kidney Weight	Urinary System
Heart Size/Weight	Cardiovascular
Adrenal Weight	Endocrine
Liver Weight/Hepatomegaly	Hepatobiliary
Immune Organ Size/Weight	Immune System
Reproductive Organ Size/Weight (M)	Reproductive
Lung Weight	Respiratory
Kidney Weight	Urinary System
Birth Defects	Developmental
Birth Defects	Developmental
Birth Defects	Developmental
Birth Defects	Developmental
Birth Defects	Developmental
Birth Defects	Developmental
Offspring Mortality	Developmental
Offspring Mortality	Developmental
Offspring Mortality	Developmental
Offspring Mortality	Developmental
Offspring Mortality	Developmental
Offspring Mortality	Developmental
Liver Histopathology	Hepatobiliary
Liver Histopathology	Hepatobiliary
Liver Histopathology	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Serum Biomarkers of Liver Health & Function	Hepatobiliary
Serum Biomarkers of Liver Health & Function	Hepatobiliary
Serum Biomarkers of Liver Health & Function	Hepatobiliary
Blood/Urinary Glucose	Metabolic
Blood/Urinary Glucose	Metabolic
Blood/Urinary Glucose	Metabolic
Male fertility	Reproductive
Male fertility	Reproductive
Male fertility	Reproductive
Pregnancy/conception rate	Reproductive
Pregnancy/conception rate	Reproductive
Pregnancy/conception rate	Reproductive
Reproductive Organ Histopathology (F)	Reproductive
Reproductive Organ Histopathology (F)	Reproductive
Reproductive Organ Histopathology (F)	Reproductive
Reproductive Organ Histopathology (M)	Reproductive
Reproductive Organ Histopathology (M)	Reproductive
Reproductive Organ Histopathology (M)	Reproductive
Sexual behavior (F)	Reproductive
Sexual behavior (F)	Reproductive
Sexual behavior (F)	Reproductive

PCB-48 (mixture)
Aroclor 1254
Aroclor 1254
Aroclor 1254
Aroclor 1254
Aroclor 1254
Aroclor 1254
Aroclor 1254
Aroclor 1242
Aroclor 1254
Aroclor 1260
Aroclor 1242
Aroclor 1254
Aroclor 1260
Aroclor 1242
Aroclor 1254
Aroclor 1260
Aroclor 1242
Aroclor 1254
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Aroclor 1260
Aroclor 1242
Aroclor 1254
Aroclor 1260
Aroclor 1242
Aroclor 1254
Aroclor 1260
Aroclor 1242
Aroclor 1254
Aroclor 1260

Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Injection-ip	Secondary
Rat	Injection-ip	Secondary
Rat	Injection-ip	Secondary
Rat	Oral-diet	Secondary
Rat	Oral-diet	Secondary
Rat	Oral-diet	Secondary
Rat	Injection-ip	Secondary
Rat	Injection-ip	Secondary
Rat	Injection-ip	Secondary
Rat	Oral-diet	Secondary
Rat	Oral-diet	Secondary
Rat	Oral-diet	Secondary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Mouse	Injection-ip	Primary
Mouse	Injection-ip	Primary
Mouse	Injection-ip	Primary
Rat	Oral-diet	Secondary
Rat	Oral-diet	Secondary
Rat	Oral-diet	Secondary
Rat	Oral-diet	Secondary
Rat	Oral-diet	Secondary
Rat	Oral-diet	Secondary
Rat	Oral-diet	Secondary
Rat	Oral-diet	Secondary
Rat	Oral-diet	Secondary
Rat	Oral-diet	Secondary
Rat	Oral-diet	Secondary
Rat	Oral-diet	Secondary

NR (36-56 g males)	14		
NR	14		
NR	14		
NR	14		
NR	14		
NR	730		
NR	730		
NR	730		
NR	730		
NR	730		
NR	730		

-121	43	44	78	21
-121	43	44	78	21
-121	43	44	78	21
-121	43	44	78	21
-121	43	44	78	21
-121	43	44	78	21

		1	500	500
		1	71	1400
		1	71	1400
		1	71	1400
		1	71	1400
		1	1	100
		1	1	100
		1	1	100
		1	1	100
		1	1	100
		1	1	100
78	5	1	1	100
78	5	1	1	100
78	5	1	1	100
78	5	1	1	100
78	5	1	1	100
78	5	1	1	100

500	N/A		N/A
179	357		
			N/A
N/A	71		
429	700		
			N/A
			N/A
700	1400		
			N/A
			N/A
			N/A
			N/A
			N/A
			N/A
			N/A
			N/A
			N/A
			N/A
			N/A
			N/A
10	100		
10	100		
10	100		
10	100		
10	100		
10	100		
			N/A
			N/A
			N/A
			N/A
			N/A
			N/A
			N/A
			N/A
			N/A
1	10	10	
1	10	10	
1	10	10	
			N/A
			N/A
			N/A
			N/A
			N/A
			N/A
1	10	10	
1	10	10	
1	10	10	

0.05% PCB mix in food, supplied ad lib; "Dietary PCB...caused increases in liver weight (61%...) when expressed as percen
Male weanling rats were dosed with 0-1400 ppm for 14 days. 357 ppm noted as significant at p<0.05, however, no signifi
Male weanling rats were dosed with 0-1400 ppm for 14 days. No significant effects from treatment at p<0.05. (Table IV)
Male weanling rats were dosed with 0-1400 ppm for 14 days. Effect at 71 ppm (Table IV)
Male weanling rats were dosed with 0-1400 ppm for 14 days. Effect at 700 ppm (Table IV)
Male weanling rats were dosed with 0-1400 ppm for 14 days. There was no effect on relative testis weight (Table IV). (Al
Male weanling rats were dosed with 0-1400 ppm for 14 days. No significant effects from treatment at p<0.05. (Table IV)
Male weanling rats were dosed with 0-1400 ppm for 14 days. Effect at 1400 ppm (Table IV)
Albino rats were used in a teratology study wherein they were dosed with 10 or 30mg/kg/d of Aroclor 1242 from GD6-15
Albino rats were used in a teratology study wherein they were dosed with 10 or 30mg/kg/d of Aroclor 1254 from GD6-15
Albino rats were used in a teratology study wherein they were dosed with 10 or 30mg/kg/d of Aroclor 1260 from GD6-15
Albino rats were used in a 3-generation reproduction study (study design shown in Table 10). Rats were dosed via the die
Albino rats were used in a 3-generation reproduction study (study design shown in Table 10). Rats were dosed via the die
Albino rats were used in a 3-generation reproduction study (study design shown in Table 10). Rats were dosed via the die
Albino rats were used in a teratology study wherein they were dosed with 10 or 30mg/kg/d of Aroclor 1242 from GD6-15
Albino rats were used in a teratology study wherein they were dosed with 10 or 30mg/kg/d of Aroclor 1254 from GD6-15
Albino rats were used in a teratology study wherein they were dosed with 10 or 30mg/kg/d of Aroclor 1260 from GD6-15
Albino rats were used in a 3-generation reproduction study (study design shown in Table 10). Rats were dosed via the die
Albino rats were used in a 3-generation reproduction study (study design shown in Table 10). Rats were dosed via the die
Albino rats were used in a 3-generation reproduction study (study design shown in Table 10). Rats were dosed via the die
Albino rats were used in a two-year chronic oral study wherein they were fed 1, 10, or 100ppm Aroclor 1242 in the diet. I
Albino rats were used in a two-year chronic oral study wherein they were fed 1, 10, or 100ppm Aroclor 1254 in the diet. I
Albino rats were used in a two-year chronic oral study wherein they were fed 1, 10, or 100ppm Aroclor 1260 in the diet. I
Albino rats were used in a two-year chronic oral study wherein they were fed 1, 10, or 100ppm Aroclor 1242 in the diet. I
Albino rats were used in a two-year chronic oral study wherein they were fed 1, 10, or 100ppm Aroclor 1242 in the diet. I
Albino rats were used in a two-year chronic oral study wherein they were fed 1, 10, or 100ppm Aroclor 1242 in the diet. I
Albino rats were used in a two-year chronic oral study wherein they were fed 1, 10, or 100ppm Aroclor 1242 in the diet. I
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Albino rats were used in a two-year chronic oral study wherein they were fed 1, 10, or 100ppm Aroclor 1242 in the diet. I
Albino rats were used in a two-year chronic oral study wherein they were fed 1, 10, or 100ppm Aroclor 1242 in the diet. I
Albino mice were used in a dominant lethal mutagenic study wherein they were given a single i.p. injection of 500 or 10C
Albino mice were used in a dominant lethal mutagenic study wherein they were given a single i.p. injection of 500 or 10C
Albino mice were used in a dominant lethal mutagenic study wherein they were given a single i.p. injection of 500 or 10C
Albino rats were used in a 3-generation reproduction study (study design shown in Table 10). Rats were dosed via the die
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Albino rats were used in a 3-generation reproduction study (study design shown in Table 10). Rats were dosed via the die

22	0.9	0.094	0.154	10	21 NONE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
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22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
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22	0.9	0.094	0.154	10	21 COMPLETE
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22	0.9	0.094	0.154	10	21 COMPLETE
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22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
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22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
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18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE

Geniece
Geniece
Geniece
Geniece
Geniece
Geniece
Geniece
Chelsea
Chelsea
Chelsea

Calandra	1976	2201050
Calandra	1976	2201050
Calandra	1976	2201050
Calandra	1976	2201050
Calandra	1976	2201050
Calandra	1976	2201050
Calandra	1976	2201050
Calandra	1976	2201050
Calandra	1976	2201050
Calandra	1976	2201050
Calandra	1976	2201050
Calandra	1976	2201050
Calandra	1976	2201050
Calandra	1976	2201050
Calandra	1976	2201050
Calandra	1976	2201050
Honda et al.	1983	2202042
Honda et al.	1983	2202042
Grant et al.	1972	202477
Grant et al.	1972	202477
Grant et al.	1972	202477
Grant et al.	1972	202477
Miniats et al.	1978	2204540
Miniats et al.	1978	2204540
Miniats et al.	1978	2204540
Miniats et al.	1978	2204540
Miniats et al.	1978	2204540
Miniats et al.	1978	2204540
Miniats et al.	1978	2204540
Miniats et al.	1978	2204540
Miniats et al.	1978	2204540
Miniats et al.	1978	2204540
Miniats et al.	1978	2204540
Miniats et al.	1978	2204540
Miniats et al.	1978	2204540
Miniats et al.	1978	2204540
Miniats et al.	1978	2204540
Miniats et al.	1978	2204540
Harada et al.	1986	2206115
Harada et al.	1986	2206115
Harada et al.	1986	2206115
Harada et al.	1986	2206115
Harada et al.	1986	2206115
Harada et al.	1986	2206115
Harada et al.	1986	2206115
Buha et al.	2015	2845418
Esteban et al.	2014	2845420

mating index
mating index
mating index
mating index
mating index
mating index
incidence of pregnancy
incidence of pregnancy
incidence of pregnancy
blood urea nitrogen
blood urea nitrogen
blood urea nitrogen
urinalysis results
urinalysis results
urinalysis results
liver weight, liver/body weight ratio
blood and liver poryphrins (coproporphyrin and protoporphyrin)
liver weight
liver weight
brain weight
brain weight
hydropericardium, fibrious pericarditis, interstitial myocarditis
dermal erythema
adrenal histopathology
thyroid histopathology
diarrhea, abdominal edema
GI histopathology

liver morphology and histopathology
liver weight
thymic atrophy
spleen wt
adipose histopathology
myopathy of muscles
testis weight
lung histopathology
kidney histopathology
kidney weight
hematocrit, hemoglobin
cytochrome P450 levels
liver weight
porphyrin levels
SGOT, SGPT
spleen weight
kidney weight
serum ALT, AST, ALP
sex ratio

Sexual behavior (M)	Reproductive
Sexual behavior (M)	Reproductive
Sexual behavior (M)	Reproductive
Sexual behavior (M)	Reproductive
Sexual behavior (M)	Reproductive
Sexual behavior (M)	Reproductive
Time-to-Pregnancy & Couple/Pair Fertility	Reproductive
Time-to-Pregnancy & Couple/Pair Fertility	Reproductive
Time-to-Pregnancy & Couple/Pair Fertility	Reproductive
Serum Biomarkers of Renal Function	Urinary System
Serum Biomarkers of Renal Function	Urinary System
Serum Biomarkers of Renal Function	Urinary System
Urinalysis	Urinary System
Urinalysis	Urinary System
Urinalysis	Urinary System
Liver Weight/Hepatomegaly	Hepatobiliary
Porphyrins	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Brain Weight & Histopathology	Nervous System
Brain Weight & Histopathology	Nervous System
Cardiovascular Histopathology	Cardiovascular
Dermal Irritation	Dermal
Adrenal Histopathology	Endocrine
Thyroid Histopathology	Endocrine
Digestive System Complaints/Diseases	Gastrointestinal
Gastrointestinal Histopathology	Gastrointestinal
Gut Motility	Gastrointestinal
Liver Histopathology	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Immune Organ Histopathology	Immune System
Immune Organ Size/Weight	Immune System
Adipose Tissue Histopathology	Metabolic
Skeletal Muscle Histopathology	Musculoskeletal
Reproductive Organ Size/Weight (M)	Reproductive
Pulmonary Histopathology	Respiratory
Kidney Histopathology	Urinary System
Kidney Weight	Urinary System
Red Blood Cells/Hemoglobin	Hematopoietic
Liver Enzyme Induction	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Porphyrins	Hepatobiliary
Serum Biomarkers of Liver Health & Function	Hepatobiliary
Immune Organ Size/Weight	Immune System
Kidney Weight	Urinary System
Serum Biomarkers of Liver Health & Function	Hepatobiliary
Sex Ratio	Reproductive

Aroclor 1242
Aroclor 1254
Aroclor 1260
Aroclor 1242
Aroclor 1254
Aroclor 1260
Aroclor 1242
Aroclor 1254
Aroclor 1260
Aroclor 1242
Aroclor 1254
Aroclor 1260
Aroclor 1242
Aroclor 1254
Aroclor 1260
Kanechlor 400
Kanechlor 400
Aroclor 1221
Aroclor 1254
Aroclor 1221
Aroclor 1254
Aroclor 1254
Aroclor 1254
Aroclor 1254
Aroclor 1254
Aroclor 1254
Aroclor 1254
Aroclor 1254
Aroclor 1254
Aroclor 1254
Aroclor 1254
Aroclor 1254
Aroclor 1254
Aroclor 1254
Aroclor 1254
Aroclor 1254
Aroclor 1254
Kanechlor 200Kanechlor 300Kanechlor 400Kanechlor 500Kanechlor 600
Kanechlor 200Kanechlor 300Kanechlor 400Kanechlor 500Kanechlor 600
Kanechlor 200Kanechlor 300Kanechlor 400Kanechlor 500Kanechlor 600
Kanechlor 200Kanechlor 300Kanechlor 400Kanechlor 500Kanechlor 600
Kanechlor 200Kanechlor 300Kanechlor 400Kanechlor 500Kanechlor 600
Kanechlor 200Kanechlor 300Kanechlor 400Kanechlor 500Kanechlor 600
Kanechlor 200Kanechlor 300Kanechlor 400Kanechlor 500Kanechlor 600
Aroclor 1254
Aroclor 1254

Rat	Oral-diet	Secondary
Rat	Oral-diet	Secondary
Rat	Oral-diet	Secondary
Mouse	Injection-ip	Primary
Mouse	Injection-ip	Primary
Mouse	Injection-ip	Primary
Rat	Oral-diet	Secondary
Rat	Oral-diet	Secondary
Rat	Oral-diet	Secondary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Rat	Oral-diet	Primary
Swine	Oral-diet	
Swine	Oral-diet	
Swine	Oral-diet	
Swine	Oral-diet	
Swine	Oral-diet	
Swine	Oral-diet	
Swine	Oral-diet	
Swine	Oral-diet	
Swine	Oral-diet	
Swine	Oral-diet	
Swine	Oral-diet	
Swine	Oral-diet	
Swine	Oral-diet	
Swine	Oral-diet	
Swine	Oral-diet	
Swine	Oral-diet	
Rabbit	Injection-scOral-gavage	
Rabbit	Injection-scOral-gavage	
Rabbit	Injection-scOral-gavage	
Rabbit	Injection-scOral-gavage	
Rabbit	Injection-scOral-gavage	
Rabbit	Injection-scOral-gavage	
Rabbit	Injection-scOral-gavage	
Rat	Oral-gavage	Primary
Rat	Oral-cookie	Secondary

		yes	10
		yes	10
		yes	10
		yes	10
		yes	10
		yes	10
NR (200-300 g)		14	
NR (200-300 g)		28	
	21		
	21	365	
	21		
	21		

-121	43	44	78	21
-121	43	44	78	21
-121	43	44	78	21
-121	43	44	78	21
-121	43	44	78	21
-121	43	44	78	21

78	5	1	1	100
78	5	1	1	100
78	5	1	1	100
78	5	1	1	100
78	5	1	1	100
78	5	1	1	100
		1	150	150
		1	150	150
		1	2	200

	1	10	10
	1	10	10
	1	10	10
			N/A
			N/A
			N/A
	1	10	10
	1	10	10
	1	10	10
			N/A
			N/A
			N/A
			N/A
			N/A
			N/A
N/A		150	
N/A		150	
			N/A
	20	200	
			N/A
			N/A

Albino rats were used in a 3-generation reproduction study (study design shown in Table 10). Rats were dosed via the die
Albino rats were used in a 3-generation reproduction study (study design shown in Table 10). Rats were dosed via the die
Albino rats were used in a 3-generation reproduction study (study design shown in Table 10). Rats were dosed via the die
Albino mice were used in a dominant lethal mutagenic study wherein they were given a single i.p. injection of 500 or 10C
Albino mice were used in a dominant lethal mutagenic study wherein they were given a single i.p. injection of 500 or 10C
Albino mice were used in a dominant lethal mutagenic study wherein they were given a single i.p. injection of 500 or 10C
Albino rats were used in a 3-generation reproduction study (study design shown in Table 10). Rats were dosed via the die
Albino rats were used in a 3-generation reproduction study (study design shown in Table 10). Rats were dosed via the die
Albino rats were used in a 3-generation reproduction study (study design shown in Table 10). Rats were dosed via the die
Albino rats were used in a two-year chronic oral study wherein they were fed 1, 10, or 100ppm Aroclor 1242 in the diet. I
Albino rats were used in a two-year chronic oral study wherein they were fed 1, 10, or 100ppm Aroclor 1242 in the diet. I
Albino rats were used in a two-year chronic oral study wherein they were fed 1, 10, or 100ppm Aroclor 1242 in the diet. I
Albino rats were used in a two-year chronic oral study wherein they were fed 1, 10, or 100ppm Aroclor 1242 in the diet. I
Albino rats were used in a two-year chronic oral study wherein they were fed 1, 10, or 100ppm Aroclor 1242 in the diet. I
Albino rats were used in a two-year chronic oral study wherein they were fed 1, 10, or 100ppm Aroclor 1242 in the diet. I
Liver weight increased by > 10% by 2 wk exposure (Table 2)
Liver porphyrin (PP) appears to be significantly increased by 4 wk exposure (Table 2)
Female wistar rats (21d) were fed Aroclor 1221 (2, 20, or 200ppm) for approximately 1 yr via diet. Liver weight was not ir
Female wistar rats (21d) were fed Aroclor 1254 (2, 20, or 200 ppm) for approximately 1 yr via diet. Liver weight was alter
Female wistar rats (21d) were fed Aroclor 1221 (2, 20, or 200ppm) for approximately 1 yr via diet. Brain weight was not i
Female wistar rats (21d) were fed Aroclor 1254 (2, 20, or 200 ppm) for approximately 1 yr via diet. Brain weight was not i

Rats were orally gavaged with 0.5, 1, 2, 4, 8, or 16 mg/kg/d of Aroclor 1254 for 28d. AST was altered in the 16 mg/kg/d tr
Pregnant rats were dosed via cookie with 15 mg/kg/d of Aroclor 1254 from GD1 until pups were weaned on PND23. Dam

22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
CHECK	0.9 CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9 CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9 CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9 CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9 CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9 CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9 CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9 CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9 CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9 CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9 CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9 CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9 CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9 CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9 CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9 CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9 CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9 CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9 CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9 CHECK	CHECK	CHECK	CHECK	NONE
CHECK	0.9 CHECK	CHECK	CHECK	CHECK	NONE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE

Chelsea
Chelsea
Chelsea
Chelsea
Chelsea
Chelsea
Chelsea
Chelsea
Chelsea
Chelsea
Chelsea
Chelsea
Chelsea
Chelsea
Chelsea
Chelsea
Geniece
Geniece
Chelsea
Chelsea
Chelsea
Chelsea

Esteban et al.	2014	2845420
Esteban et al.	2014	2845420
Esteban et al.	2014	2845420
Esteban et al.	2014	2845420
Esteban et al.	2014	2845420
Esteban et al.	2014	2845420
Esteban et al.	2014	2845420
Esteban et al.	2014	2845420
Esteban et al.	2014	2845420
Esteban et al.	2014	2845420
Esteban et al.	2014	2845420
Esteban et al.	2014	2845420
Esteban et al.	2014	2845420
Liu et al.	2015	2849093
Reilly et al.	2015	2919758
Reilly et al.	2015	2919758
Reilly et al.	2015	2919758
Reilly et al.	2015	2919758
Reilly et al.	2015	2919758
Reilly et al.	2015	2919758
Reilly et al.	2015	2919758
Cai et al.	2015	2919777
Meyer et al.	2015	2919792
Meyer et al.	2015	2919792
Meyer et al.	2015	2919792
Meyer et al.	2015	2919792
Meyer et al.	2015	2919792
Meyer et al.	2015	2919792
Meyer et al.	2015	2919792
Meyer et al.	2015	2919792
Meyer et al.	2015	2919792
Poon et al.	2015	2920043
Poon et al.	2015	2920043
Poon et al.	2015	2920043
Poon et al.	2015	2920043
Poon et al.	2015	2920043
Poon et al.	2015	2920043
Poon et al.	2015	2920043
Aly et al.	2014	2920052
Aly et al.	2014	2920052
Aly et al.	2014	2920052
Lin et al.	2014	2920131
Lin et al.	2014	2920131
Wahlang et al.	2014	2920275
Wahlang et al.	2014	2920275
Wahlang et al.	2014	2920275
Wahlang et al.	2014	2920275

pup body weight
serum T3, T4 (P0)
serum T3, T4 (F1)
hepatic EROD, PROD, BROD (P0)
hepatic EROD, PROD, BROD (F1)
liver weight (P0)
liver weight (F1)
hepatic retinoids (P0)
hepatic retinoids (F1)
thymus weight (P0)
thymus weight (F1)
kidney weight (P0)
kidney weight (F1)
histopathological changes in ovary
pup weight
adrenal weight
corticosterone
sociability
social novelty
ovarian weight
testis weight
sperm count and sperm motility
litter size, % live birth, % mortality of offspring
% males
pup body weight
liver:body weight ratio (P0)
liver weight (F1)
thymus weight (F1)
brain weight (F1)
steady-state DRL 15 measures
number of implantation sites, litter size
developmental abnormalities
dams with small litters
pup body weight
serum T4
audiogenic seizure incidence, latency to onset and incidence of wild running, audiogenic response score
audiogenic seizure incidence, latency to onset and incidence of wild running, audiogenic response score
non-pregnant dams, dams with small litters
serum triglycerides
serum total cholesterol, HDL
serum ALT, AST, ALP, LDH, total bilirubin
pancreas weight, PSI
pancreatic histology
food consumption
serum triglycerides
serum and liver cholesterol, HDL, LDL
H&E staining of the liver

Weight and Size (Early Life)	Developmental
HPT Hormones	Endocrine
HPT Hormones	Endocrine
Liver Enzyme Induction	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Micronutrients	Hepatobiliary
Micronutrients	Hepatobiliary
Immune Organ Size/Weight	Immune System
Immune Organ Size/Weight	Immune System
Kidney Weight	Urinary System
Kidney Weight	Urinary System
Reproductive Organ Histopathology (F)	Reproductive
Weight and size (early life)	Developmental
Adrenal weight	Endocrine
HPA hormones	Endocrine
Social behavior/development	Nervous System
Social behavior/development	Nervous System
Reproductive Organ Size/Weight (F)	Reproductive
Reproductive Organ Size/Weight (M)	Reproductive
Sperm/semen parameters	Reproductive
Offspring Mortality	Developmental
Sex Ratio	Reproductive
Weight and Size (Early Life)	Developmental
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Immune Organ Size/Weight	Immune System
Brain Weight & Histopathology	Nervous System
Cognitive function	Nervous System
Pregnancy/conception rate	Reproductive
Birth Defects	Developmental
Offspring Mortality	Developmental
Weight and Size (Early Life)	Developmental
HPT Hormones	Endocrine
Neurophysiology	Nervous System
Visual, Auditory, and Olfactory Function	Nervous System
Pregnancy/conception rate	Reproductive
Blood Triglycerides	Hepatobiliary
Cholesterol	Hepatobiliary
Serum Biomarkers of Liver Health & Function	Hepatobiliary
Pancreas Weight	Metabolic
Pancreatic Histopathology	Metabolic
Digestive System Complaints/Diseases	Gastrointestinal
Blood Triglycerides	Hepatobiliary
Cholesterol	Hepatobiliary
Liver Histopathology	Hepatobiliary

Aroclor 1254
Aroclor 1254
Aroclor 1254
Aroclor 1254
Aroclor 1254
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Aroclor 1254
Aroclor 1254
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Aroclor 1254
Aroclor 1254
Aroclor 1254
Aroclor 1254
Aroclor 1221
Aroclor 1221
Aroclor 1221
Aroclor 1221
Aroclor 1221
Aroclor 1221
Aroclor 1221
Aroclor 1254
Fox River PCB mixture
Fox River PCB mixture
Fox River PCB mixture
Fox River PCB mixture
Fox River PCB mixture
Fox River PCB mixture
Fox River PCB mixture
Fox River PCB mixture
Fox River PCB mixture
Fox River PCB mixture
Fox River PCB mixture
Fox River PCB mixture
Fox River PCB mixture
Fox River PCB mixture
Fox River PCB mixture
Aroclor 1260
Aroclor 1260
Aroclor 1260
Aroclor 1254
Aroclor 1254
Aroclor 1260
Aroclor 1260
Aroclor 1260
Aroclor 1260

Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Primary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Primary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Primary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Primary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Primary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Primary
Rat	Oral-cookie	Secondary
Mouse	Injection-ip	Primary
Rat	Injection-ip	Secondary
Rat	Injection-ip	Secondary
Rat	Injection-ip	Secondary
Rat	Injection-ip	Secondary
Rat	Injection-ip	Secondary
Rat	Injection-ip	Secondary
Rat	Injection-ip	Secondary
Mouse	Oral-gavage	Primary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Primary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Primary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Mouse	Oral-gavage	Primary
Mouse	Oral-gavage	Primary
Mouse	Oral-gavage	Primary
Mouse	Oral-gavage	Primary
Mouse	Oral-gavage	Primary
Mouse	Oral-gavage	Primary

		no	10
NR	45		
		no	10
NR	45		
		no	10
		no	10
NR	45		
		no	10
		no	10
		no	10
	90	15	
		no	8
		no	8
		no	8
	21	50	
		no	12.71
		no	12.71
		no	12.71
		no	12.71
		no	12.71
		no	10
		no	10
		no	10
		no	10
NR (170g male)	15		
NR (170g male)	15		
NR (170g male)	15		
	21	50	
	21	50	
	56	49	
	56	1	

1	45	N/A	N/A	23
1	45	N/A	N/A	23
1	45	N/A	N/A	23
1	45	N/A	N/A	23
1	45	N/A	N/A	23
1	45	N/A	N/A	23
1	45	N/A	N/A	23
16	18	N/A	N/A	21
16	18	N/A	N/A	21
16	18	N/A	N/A	21
-28	42	N/A	N/A	7
-28	42	N/A	N/A	21
-28	42	N/A	N/A	21
-28	42	N/A	N/A	21
-28	42	N/A	N/A	21
-28	43	N/A	N/A	7
-28	43	N/A	N/A	21
-28	43	N/A	N/A	21
-28	43	N/A	N/A	21

45	2	0	15	15
		0	15	15
45	2	0	15	15
		0	15	15
45	2	0	15	15
45	2	0	15	15
		0	15	15
45	2	0	15	15
45	2	0	15	15
45	2	0	15	15
		0	1.3	33.3
112	2	0	0.33	0.67
112	2	0	0.33	0.67
82	2	0	0.33	0.67
		0	0.00017	0.17
28	2	0	3	6
42	2	0	3	6
42	2	0	3	6
42	2	0	3	6
121	2	0	3	6
29	2	0	1	6
43	2	0	1	6
422	2	0	1	6
422	2	0	1	6
		0	20	60
		0	20	60
		0	20	60
		0	0.167	167
		0	0.167	167
		0	4.08	4.08
		0	20	20

N/A		15	N/A
N/A		15	
N/A		15	N/A
N/A		15	
N/A		15	N/A
			N/A
N/A		15	N/A
N/A		15	
N/A		15	N/A
			N/A
N/A		15	N/A
			N/A
N/A		15	N/A
N/A		1.3	
N/A		0.33	N/A
			N/A
N/A		0.33	N/A
			N/A
N/A		0.33	N/A
			N/A
			N/A
	0.0017	0.017	
			N/A
			N/A
N/A		3	N/A
			N/A
N/A		3	N/A
N/A		3	N/A
N/A		3	N/A
N/A		3	N/A
			N/A
			N/A
			N/A
	1	3	N/A
N/A		1	N/A
	1	3	N/A
	1	3	N/A
			N/A
N/A		20	
N/A		20	
N/A		20	
	16.7	167	
	16.7	167	
			N/A
			N/A
N/A		4.08	
N/A		20	

Pregnant rats were dosed via cookie with 15 mg/kg/d of Aroclor 1254 from GD1 until pups were weaned on PND23. Dam
Pregnant rats were dosed via cookie with 15 mg/kg/d of Aroclor 1254 from GD1 until pups were weaned on PND23. Dam
Pregnant rats were dosed via cookie with 15 mg/kg/d of Aroclor 1254 from GD1 until pups were weaned on PND23. Dam
Pregnant rats were dosed via cookie with 15 mg/kg/d of Aroclor 1254 from GD1 until pups were weaned on PND23. Dam
Pregnant rats were dosed via cookie with 15 mg/kg/d of Aroclor 1254 from GD1 until pups were weaned on PND23. Dam
Pregnant rats were dosed via cookie with 15 mg/kg/d of Aroclor 1254 from GD1 until pups were weaned on PND23. Dam
Pregnant rats were dosed via cookie with 15 mg/kg/d of Aroclor 1254 from GD1 until pups were weaned on PND23. Dam
Pregnant rats were dosed via cookie with 15 mg/kg/d of Aroclor 1254 from GD1 until pups were weaned on PND23. Dam
Pregnant rats were dosed via cookie with 15 mg/kg/d of Aroclor 1254 from GD1 until pups were weaned on PND23. Dam
Pregnant rats were dosed via cookie with 15 mg/kg/d of Aroclor 1254 from GD1 until pups were weaned on PND23. Dam
Pregnant rats were dosed via cookie with 15 mg/kg/d of Aroclor 1254 from GD1 until pups were weaned on PND23. Dam
Pregnant rats were dosed via cookie with 15 mg/kg/d of Aroclor 1254 from GD1 until pups were weaned on PND23. Dam
Pregnant rats were dosed via cookie with 15 mg/kg/d of Aroclor 1254 from GD1 until pups were weaned on PND23. Dam
Adult female mice were injected ip with 0, 4, 20 or 100 mg/kg-day for ~15 days (doses every 3 days X 5) and mice were sa
Dosing on GD16&18 (rats); pup body weight altered by PND90Doses of 0.5 and 1 mg/kg administered 2x over three daysI

Dosing on GD16&18 (rats); serum corticosterone altered by PND90Doses of 0.5 and 1 mg/kg administered 2x over three c

Dosing on GD16&18 (rats); response to social novelty altered by PND60Doses of 0.5 and 1 mg/kg administered 2x over th

Male mice (21 days old) were dosed every 3 days for 50 days. Sperm was evaluated at the end of the exposure period. M
Rat dams dosed with either 3 or 6 mg/kg/d of a Fox River mixture of PCBs via cookie for 28 d prior to mating, and continu
Rat dams dosed with either 3 or 6 mg/kg/d of a Fox River mixture of PCBs via cookie for 28 d prior to mating, and continu
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Rat dams dosed with either 3 or 6 mg/kg/d of a Fox River mixture of PCBs via cookie for 28 d prior to mating, and continu
Rat dams dosed with either 3 or 6 mg/kg/d of a Fox River mixture of PCBs via cookie for 28 d prior to mating, and continu
8-10 week old rats were dosed via cookie with 1, 3, or 6 mg/kg/d of a PCB mixture mimicking that found in Fox River fish.
8-10 week old rats were dosed via cookie with 1, 3, or 6 mg/kg/d of a PCB mixture mimicking that found in Fox River fish.
8-10 week old rats were dosed via cookie with 1, 3, or 6 mg/kg/d of a PCB mixture mimicking that found in Fox River fish.
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8-10 week old rats were dosed via cookie with 1, 3, or 6 mg/kg/d of a PCB mixture mimicking that found in Fox River fish.
Male rats (170g) were orally gavaged with either 20, 40, or 60 mg/kg/d of Aroclor 1260 for 15 days. Serum triglycerides v
Male rats (170g) were orally gavaged with either 20, 40, or 60 mg/kg/d of Aroclor 1260 for 15 days. Serum cholesterol wa
Male rats (170g) were orally gavaged with either 20, 40, or 60 mg/kg/d of Aroclor 1260 for 15 days. Serum ALT, AST, ALP,
21d old mice were orally gavaged once every 3d for 50d with 0.5, 5, 50, or 500 ug/kg/d of Aroclor 1254 (daily equivalent
21d old mice were orally gavaged once every 3d for 50d with 0.5, 5, 50, or 500 ug/kg/d of Aroclor 1254 (daily equivalent
8 week old mice were dosed via oral gavage with either 20 or 200 mg/kg of Aroclor 1260. The 20 mg dose was given as a
8 week old mice were dosed via oral gavage with either 20 or 200 mg/kg of Aroclor 1260. The 20 mg dose was given as a
8 week old mice were dosed via oral gavage with either 20 or 200 mg/kg of Aroclor 1260. The 20 mg dose was given as a
8 week old mice were dosed via oral gavage with either 20 or 200 mg/kg of Aroclor 1260. The 20 mg dose was given as a

22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
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22	0.9	0.094	0.154	10	21 COMPLETE
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22	0.9	0.094	0.154	10	21 COMPLETE
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22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE

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Wahlang et al.	2014	2920275
Wahlang et al.	2014	2920275
Wahlang et al.	2014	2920275
Wahlang et al.	2014	2920275
Wahlang et al.	2014	2920275
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Wahlang et al.	2014	2920275
Wahlang et al.	2014	2920275
Wahlang et al.	2014	2920275
Wahlang et al.	2014	2920275
Liu et al.	2014	2920289
Liu et al.	2014	2920289
Liu et al.	2014	2920289
Naveau et al.	2014	2920420
Nam et al.	2014	2920493
Nam et al.	2014	2920493
Nam et al.	2014	2920493
Hu et al.	2015	3005022
Hu et al.	2015	3005022
Hu et al.	2015	3005022
Hu et al.	2015	3005022
Hu et al.	2015	3005022
Hu et al.	2015	3005022
Hu et al.	2015	3005022
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Hu et al.	2015	3005022
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Hu et al.	2015	3005022
Hu et al.	2015	3005022
Hu et al.	2015	3005022
Hu et al.	2015	3005022
Hu et al.	2015	3005022
Lombardo et al.	2015	3007891
Lombardo et al.	2015	3007891
Folland et al.	2015	3063353
Folland et al.	2015	3063353
Folland et al.	2015	3063353
Folland et al.	2015	3063353
Folland et al.	2015	3063353
Folland et al.	2015	3063353
Folland et al.	2015	3063353
Folland et al.	2015	3063353
Folland et al.	2015	3063353
Folland et al.	2015	3063353

steatosis, liver triglycerides
liver to body weight ratio
ALT, AST
adipocyte size
epididymal fat to body weight ratio
fasting blood glucose
glucose tolerance test
serum insulin levels
HOMA-IR
% fat composition, leptin
rate of ovulation
oocyte activation, in vitro fertilization, and embryo development
ovarian histopathology (spindle morphology)
serum T4
novel object recognition
open field behavior
elevated plus maze
heart weight
serum T3, T4
thyroid histopathology
platelets
RBC, hemoglobin
metabolic enzymes (CYP1A1, 1A2, 1B1, 2A1, 2B1, 3A23/3A1, UGT1A1, GSTA2, SULT1A1, 2A1, and 1E1)
liver histopathology
liver weight
histopath of spleen and thymus
spleen weight
WBC counts
brain weight and histopathology
histological changes in uterus
uterine weight
lung weight
lung histopathology
kidney histopathology
hyperactivity
operant conditioning
relative mass of heart
adrenal histopathology
adrenal weight
serum T3, T4 (P0)
serum T3, T4 (F1 juveniles)
thyroid histopathology
relative thyroid weight (P0)
relative thyroid weight (F1)
relative thyroid weight (F1 juveniles)
platelet count, mean platelet volume (P0)
platelet count, mean platelet volume (F1 juveniles)

Liver Lipids/Steatosis	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Serum Biomarkers of Liver Health & Function	Hepatobiliary
Adipose Tissue Histopathology	Metabolic
Adipose Tissue Size/Weight	Metabolic
Blood/Urinary Glucose	Metabolic
Impaired Glucose Tolerance	Metabolic
Insulin Levels	Metabolic
Insulin Resistance	Metabolic
Overweight/Obesity	Metabolic
Ovulation	Reproductive
Pregnancy/conception rate	Reproductive
Reproductive Organ Histopathology (F)	Reproductive
HPT Hormones	Endocrine
Cognitive function	Nervous System
Emotional state/affective behavior	Nervous System
Emotional state/affective behavior	Nervous System
Heart Size/Weight	Cardiovascular
HPT Hormones	Endocrine
Thyroid Histopathology	Endocrine
Platelets	Hematopoietic
Red Blood Cells/Hemoglobin	Hematopoietic
Liver Enzyme Induction	Hepatobiliary
Liver Histopathology	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Immune Organ Histopathology	Immune System
Immune Organ Size/Weight	Immune System
White Blood Cell (WBC) Counts	Immune System
Brain Weight & Histopathology	Nervous System
Reproductive Organ Histopathology (F)	Reproductive
Reproductive Organ Size/Weight (F)	Reproductive
Lung Weight	Respiratory
Pulmonary Histopathology	Respiratory
Kidney Histopathology	Urinary System
Emotional state/affective behavior	Nervous System
Cognitive function	Nervous System
Heart Size/Weight	Cardiovascular
Adrenal Histopathology	Endocrine
Adrenal Weight	Endocrine
HPT Hormones	Endocrine
HPT Hormones	Endocrine
Thyroid Histopathology	Endocrine
Thyroid Size/Weight	Endocrine
Thyroid Size/Weight	Endocrine
Thyroid Size/Weight	Endocrine
Platelets	Hematopoietic
Platelets	Hematopoietic

Aroclor 1260
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Chicago Air Mixture + PCB 11
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Chicago Air Mixture + PCB 11
Aroclor 1248
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Mouse	Oral-gavage	Primary
Mouse	Oral-gavage	Primary
Mouse	Oral-gavage	Primary
Mouse	Oral-gavage	Primary
Mouse	Oral-gavage	Primary
Mouse	Oral-gavage	Primary
Mouse	Oral-gavage	Primary
Mouse	Oral-gavage	Primary
Mouse	Oral-gavage	Primary
Mouse	Oral-gavage	Primary
Mouse	Injection-ip	Primary
Mouse	Injection-ip	Primary
Mouse	Injection-ip	Primary
Rat	Oral-cookie	Primary
Mouse	Oral-gavage	Secondary
Mouse	Oral-gavage	Secondary
Mouse	Oral-gavage	Secondary
Rat	Inhalation	Primary
Rat	Inhalation	Primary
Rat	Inhalation	Primary
Rat	Inhalation	Primary
Rat	Inhalation	Primary
Rat	Inhalation	Primary
Rat	Inhalation	Primary
Rat	Inhalation	Primary
Rat	Inhalation	Primary
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Rat	Inhalation	Primary
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Rat	Inhalation	Primary
Rat	Inhalation	Primary
Rat	Inhalation	Primary
Rat	Inhalation	Primary
Rat	Inhalation	Primary
Rat	Inhalation	Primary
Rat	Inhalation	Primary
Mink	Oral-diet	
Mink	Oral-diet	
Mink	Oral-diet	
Mink	Oral-diet	Primary
Mink	Oral-diet	Secondary
Mink	Oral-diet	
Mink	Oral-diet	Primary
Mink	Oral-diet	Secondary
Mink	Oral-diet	Secondary
Mink	Oral-diet	Primary
Mink	Oral-diet	Secondary

	56	1	
	56	1	
	56	1	
	56	49	
	56	49	
	56	1	
	38.5	9	
	38.5	9	
NR		14	
			no 6
			no 6
			no 6
	91	28	
	91	28	
	91	28	
	35	30	
	35	30	
NR (adult females)		119	
			no 5
NR (adult females)		119	
			no 5
NR (adult females)		119	
			no 5

6	41	42	55	21
6	41	42	55	21
6	41	42	55	21
-30	89	90	236	42
-30	89	90	236	42
-30	89	90	236	42

		0	20	20
		0	20	20
		0	20	20
		0	4.08	4.08
		0	4.08	4.08
		0	20	20
		0	4.2	16.7
		0	4.2	16.7
		0	6	6
55	5	0	18	18
55	5	0	18	18
55	5	0	18	18
		0	0.047	0.071
		0	0.047	0.071
		0	0.047	0.071
		0	0.0006	0.0006
		0	0.0006	0.0006
		1	1.77	28.8
236	5	1	1.77	28.8
		1	1.77	28.8
236	5	1	1.77	28.8
		1	1.77	28.8
236	5	1	1.77	28.8

				N/A
				N/A
N/A		20		
				N/A
N/A		20		
N/A		20		
				N/A
N/A		4.08		
N/A		4.08		
N/A		20		
				N/A
	4.2	8.3		
	4.2	8.3		
N/A		6		
N/A		18	18	
N/A		18	18	
N/A		18	18	
				N/A
N/A		0.047		
				N/A
				N/A
N/A		0.047		
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				N/A
				N/A
N/A		0.0006		
N/A		0.0006		
				N/A
				N/A
				N/A
N/A		1.77		
N/A		1.77	1.05	
				N/A
	28.8	N/A		N/A
				N/A
	17.1	28.8	28.8	
	28.8	N/A		N/A
	4.01	10.6	8.1	

8 week old mice were dosed via oral gavage with either 20 or 200 mg/kg of Aroclor 1260. The 20 mg dose was given as a
8 week old mice were dosed via oral gavage with either 20 or 200 mg/kg of Aroclor 1260. The 20 mg dose was given as a
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8 week old mice were dosed via oral gavage with either 20 or 200 mg/kg of Aroclor 1260. The 20 mg dose was given as a
Female mice (age 5-6 weeks at start of experiment) were injected ip with 0, 12.5, 25, 50 mg/kg every 3 days; 3 rounds of
Female mice (age 5-6 weeks at start of experiment) were injected ip with 0, 12.5, 25, 50 mg/kg every 3 days; 3 rounds of
Female mice (age 5-6 weeks at start of experiment) were injected ip with 0, 12.5, 25, 50 mg/kg every 3 days; 3 rounds of
Pregnant rats were dosed via cookie with 6 mg/kg/d of Aroclor 1254 from GD6 to birth (gestation length not given, assun
"Maternal injection of Aroclor1254 (18 mg/kg/day) was performed from GD 6 to PND 21 (total: 35 days). After weaning a
"Maternal injection of Aroclor1254 (18 mg/kg/day) was performed from GD 6 to PND 21 (total: 35 days). After weaning a
"Maternal injection of Aroclor1254 (18 mg/kg/day) was performed from GD 6 to PND 21 (total: 35 days). After weaning a
Female rats dosed via whole body or nose-only inhalation exposure of 533 ± 93 µg/m3 PCB11-supplemented Chicago Air
Female rats dosed via whole body or nose-only inhalation exposure of 533 ± 93 µg/m3 PCB11-supplemented Chicago Air
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Female rats dosed via whole body or nose-only inhalation exposure of 533 ± 93 µg/m3 PCB11-supplemented Chicago Air
Female rats dosed via whole body or nose-only inhalation exposure of 533 ± 93 µg/m3 PCB11-supplemented Chicago Air
Female rats dosed via whole body or nose-only inhalation exposure of 533 ± 93 µg/m3 PCB11-supplemented Chicago Air
Reported concentration of PCBs in air: 562 ng/m3; converted to mg/kg-d using subchronic reference values for body weig
Reported concentration of PCBs in air: 562 ng/m3; converted to mg/kg-d using subchronic reference values for body weig
not significant change of organ weights normalized to brain weights for adults, kits and juveniles
not significant change between exposed and control groups for adults, kits and juveniles
not significant change of organ weights normalized to brain weights for adults, kits and juveniles
average gestation period 47 days; most sensitive TT3 and FT3
average gestation period 47 days, 27 week old juveniles; consume solid food before weaning between 2nd and 6th week
not significant change between exposed and control groups for adults, kits and juveniles
average gestation period 47 days; adult mink; relative to brain
average gestation period 47 days, kits euthanized at 6th week of age; consume solid food before weaning between 2nd a
average gestation period 47 days, 27 week old juveniles; consume solid food before weaning between 2nd and 6th week
average gestation period 47 days; adult mink
average gestation period 47 days, 27 week old juveniles; consume solid food before weaning between 2nd and 6th week

18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
22	0.9	0.094	0.154	10	21 NONE
22	0.9	0.094	0.154	10	21 NONE
22	0.9	0.094	0.154	10	21 NONE
22	0.9	0.094	0.154	10	21 NONE
22	0.9	0.094	0.154	10	21 NONE
22	0.9	0.094	0.154	10	21 NONE
22	0.9	0.094	0.154	10	21 NONE
22	0.9	0.094	0.154	10	21 NONE
22	0.9	0.094	0.154	10	21 NONE
22	0.9	0.094	0.154	10	21 NONE
22	0.9	0.094	0.154	10	21 NONE
22	0.9	0.094	0.154	10	21 NONE
22	0.9	0.094	0.154	10	21 NONE
22	0.9	0.094	0.154	10	21 NONE
22	0.9	0.094	0.154	10	21 NONE
22	0.9	0.094	0.154	10	21 NONE
22	0.9	0.094	0.154	10	21 NONE
22	0.9	0.094	0.154	10	21 NONE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
52	0.9	0.312	0.066	5	56 COMPLETE
52	0.9	0.312	0.066	5	56 COMPLETE
52	0.9	0.312	0.066	5	56 COMPLETE
52	0.9	0.312	0.066	5	56 COMPLETE
52	0.9	0.312	0.066	5	56 COMPLETE
52	0.9	0.312	0.066	5	56 COMPLETE
52	0.9	0.312	0.066	5	56 COMPLETE
52	0.9	0.312	0.066	5	56 COMPLETE
52	0.9	0.312	0.066	5	56 COMPLETE
52	0.9	0.312	0.066	5	56 COMPLETE
52	0.9	0.312	0.066	5	56 COMPLETE

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Folland et al.	2015	3063353
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Elnar et al.	2016	3121413
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Bandara et al.	2016	3350985
Bandara et al.	2016	3350985
Bandara et al.	2016	3350985
Sumathi et al.	2016	3351130
Sumathi et al.	2016	3351130
Sumathi et al.	2016	3351130
Sumathi et al.	2016	3351130
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Bell et al.	2016	3351276
Wahlang et al.	2016	3351296
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Wahlang et al.	2016	3351296
Wahlang et al.	2016	3351296

red blood cell (erythrocyte) count, hemoglobin, hematocrit, mean corpuscular volume of erythrocytes, mean corpuscular
red blood cell (erythrocyte) count, hemoglobin, hematocrit, mean corpuscular volume of erythrocytes, mean corpuscular
EROD activity (P0)
EROD activity (F1)
EROD activity (F1 juveniles)
liver histopathology
liver weight (P0)
liver weight (F1)
liver weight (F1 juveniles)
spleen and thymus histopathology
relative thymus and spleen wt (P0)
relative thymus and spleen wt (F1)
relative thymus and spleen wt (F1 juveniles)
WBC count
jaw lesions (F1 juveniles)
brain weight
kidney histopathology
kidney weight (P0)
kidney weight (F1)
kidney weight (F1 juveniles)
short-term spatial memory (Y-maze)
developmental abnormalities
pup body weight at PNDs 7, 14, and 21
AGS incidence, latency to onset of wild running and clonus, ARS
AGS incidence, latency to onset of wild running and clonus, ARS
brain histopathology
Morris water maze, radial arm maze
open field activity
muscle grip strength (rotarod)
righting reflex, cliff drop test response, negative geotaxis
serum T3, T4
serum progesterone, estradiol
serum progesterone, testosterone, estradiol
food consumption
serum triglycerides
liver cholesterol content
liver histopathology
liver triglyceride content
plasma ALT and AST activities
adipose tissue histopathology
body fat composition
blood glucose levels
energy expenditure
glucose tolerance
serum insulin levels
insulin resistance
activity level

Red Blood Cells/Hemoglobin	Hematopoietic
Red Blood Cells/Hemoglobin	Hematopoietic
Liver Enzyme Induction	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Liver Histopathology	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Immune Organ Histopathology	Immune System
Immune Organ Size/Weight	Immune System
Immune Organ Size/Weight	Immune System
Immune Organ Size/Weight	Immune System
White Blood Cell (WBC) Counts	Immune System
Bone Histopathology	Musculoskeletal
Brain Weight & Histopathology	Nervous System
Kidney Histopathology	Urinary System
Kidney Weight	Urinary System
Kidney Weight	Urinary System
Kidney Weight	Urinary System
Cognitive function	Nervous System
Birth Defects	Developmental
Weight and Size (Early Life)	Developmental
Neurophysiology	Nervous System
Visual, Auditory, and Olfactory Function	Nervous System
Brain Weight & Histopathology	Nervous System
Cognitive function	Nervous System
Emotional state/affective behavior	Nervous System
Motor Function/Development	Nervous System
Motor Function/Development	Nervous System
HPT Hormones	Endocrine
Sex Hormone Levels (F)	Reproductive
Sex Hormone Levels (M)	Reproductive
Digestive System Complaints/Diseases	Gastrointestinal
Blood Triglycerides	Hepatobiliary
Cholesterol	Hepatobiliary
Liver Histopathology	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Serum Biomarkers of Liver Health & Function	Hepatobiliary
Adipose Tissue Histopathology	Metabolic
Adipose Tissue Size/Weight	Metabolic
Blood/Urinary Glucose	Metabolic
Body Temperature/Metabolic Rate	Metabolic
Impaired Glucose Tolerance	Metabolic
Insulin Levels	Metabolic
Insulin Resistance	Metabolic
Motor Function/Development	Nervous System

Aroclor 1268
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Aroclor 1268
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Aroclor 1268
Mixture: PCBs 28, 52, 101, 138, 153, 180
Fox River PCB mixture
Fox River PCB mixture
Fox River PCB mixture
Fox River PCB mixture
Aroclor 1254
Aroclor 1254
Aroclor 1254
Aroclor 1254
Aroclor 1254
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Mink	Oral-diet	Primary
Mink	Oral-diet	Secondary
Mink	Oral-diet	Primary
Mink	Oral-diet	Secondary
Mink	Oral-diet	Secondary
Mink	Oral-diet	
Mink	Oral-diet	Primary
Mink	Oral-diet	Secondary
Mink	Oral-diet	Secondary
Mink	Oral-diet	
Mink	Oral-diet	Primary
Mink	Oral-diet	Secondary
Mink	Oral-diet	Secondary
Mink	Oral-diet	
Mink	Oral-diet	Secondary
Mink	Oral-diet	
Mink	Oral-diet	
Mink	Oral-diet	Primary
Mink	Oral-diet	Secondary
Mink	Oral-diet	Secondary
Mouse	Oral-gavage	Secondary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Secondary
Rat	Injection-ip	Primary
Rat	Injection-ip	Primary
Rat	Injection-ip	Primary
Rat	Injection-ip	Primary
mouse	Oral-gavage	Secondary
Rat	Injection-ip	Secondary
Rat	Injection-ip	Secondary
Rat	Injection-ip	Secondary
Mouse	Oral-gavage	Primary
Mouse	Oral-gavage	Primary
Mouse	Oral-gavage	Primary
Mouse	Oral-gavage	Primary
Mouse	Oral-gavage	Primary
Mouse	Oral-gavage	Primary
Mouse	Oral-gavage	Primary
Mouse	Oral-gavage	Primary
Mouse	Oral-gavage	Primary
Mouse	Oral-gavage	Primary
Mouse	Oral-gavage	Primary
Mouse	Oral-gavage	Primary
Mouse	Oral-gavage	Primary
Mouse	Oral-gavage	Primary

NR (adult females)	119		
		no	5
NR (adult females)	119		
		no	5
		no	5
NR (adult females)	119		
		no	5
		no	5
NR (adult females)	119		
		no	5
		no	5
NR (adult females)	119		
		no	5
		no	10
		no	10
		no	10
NR (200-250g male)	30		
NR (200-250g male)	30		
NR (200-250g male)	30		
NR (200-250g male)	30		
		no	6
		no	10
56	1		
56	1		
56	1		
56	1		
56	1		
56	1		
56	1		
56	1		
56	1		
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56	1		
56	1		
56	1		

-30	89	90	236	42
-30	89 N/A	N/A		42
-30	89	90	236	42
-30	89 N/A	N/A		42
-30	89	90	236	42
-30	89	90	236	42
-30	89	90	236	42
-30	89 N/A	N/A		42
-28	29 N/A	N/A		7
-28	43 N/A	N/A		21
-28	43 N/A	N/A		21
6	23 N/A	N/A		5
16	20 N/A	N/A		21

		1	1.77	28.8
236	5	1	1.77	28.8
		1	1.77	28.8
89	2	1	1.77	28.8
236	5	1	1.77	28.8
		1	1.77	28.8
89	2	1	1.77	28.8
236	5	1	1.77	28.8
		1	1.77	28.8
236	5	1	1.77	28.8
236	5	1	1.77	28.8
		1	1.77	28.8
89	2	1	1.77	28.8
29	2	0	6	6
112	2	0	6	6
112	2	0	6	6
		0	2	2
		0	2	2
		0	2	2
		0	2	2
23	2	0	1.5	1.5
123	2	0	0.6	0.6
		0	20	20
		0	20	20
		0	20	20
		0	20	20
		0	20	20
		0	20	20
		0	20	20
		0	20	20
		0	20	20
		0	20	20
		0	20	20
		0	20	20
		0	20	20

				N/A
N/A		1.77	1.05	
	1.77	4.01		
	10.6	17.1	N/A	
	10.6	17.1	16.8	
				N/A
	4.01	10.6		
	1.77	4.01	N/A	
	4.01	10.6	8.1	
				N/A
	17.1	28.8		
				N/A
				N/A
				N/A
	1.77	4.01	3.1	
				N/A
				N/A
	28.8	N/A		N/A
	1.77	4.01	N/A	
				N/A
				N/A
				N/A
N/A		6	N/A	
N/A		6	N/A	
N/A		6	N/A	
N/A		2		
N/A		2		
N/A		2		
N/A		2		
N/A		1.5	N/A	
				N/A
				N/A
N/A		0.6	N/A	
				N/A
N/A		20		
	20	N/A		N/A
N/A		20		
	20	N/A		N/A
	20	N/A		N/A
	20	N/A		N/A
	20	N/A		N/A
	20	N/A		N/A
	20	N/A		N/A
	20	N/A		N/A
N/A		20		
N/A		20		
	20	N/A		N/A

average gestation period 47 days; adult mink
average gestation period 47 days, 27 week old juveniles; consume solid food before weaning between 2nd and 6th week
average gestation period 47 days; adult mink
average gestation period 47 days, kits euthanized at 6th week of age; consume solid food before weaning between 2nd a
average gestation period 47 days, 27 week old juveniles; consume solid food before weaning between 2nd and 6th week
not significant change between exposed and control groups for adults, kits and juveniles
average gestation period 47 days; adult mink; relative to brain
average gestation period 47 days, kits euthanized at 6th week of age; consume solid food before weaning between 2nd a
average gestation period 47 days, 27 week old juveniles; consume solid food before weaning between 2nd and 6th week
not significant change between exposed and control groups for adults, kits and juveniles
average gestation period 47 days; adult mink; thymus relative to brain
average gestation period 47 days, kits euthanized at 6th week of age; consume solid food before weaning between 2nd a
average gestation period 47 days, 27 week old juveniles; consume solid food before weaning between 2nd and 6th week
not significant change between exposed and controls for adults, kits and juveniles
average gestation period 47 days, 27 week old juveniles; consume solid food before weaning between 2nd and 6th week
not significant change of body length-normalized brain weight for adults, kits and juveniles
not significant change between exposed and controls for adults, kits and juveniles
average gestation period 47 days; adult mink; relative to brain
average gestation period 47 days, kits euthanized at 6th week of age; consume solid food before weaning between 2nd a
average gestation period 47 days, 27 week old juveniles; consume solid food before weaning between 2nd and 6th week
Litters culled to 10 on PND0
Rat dams dosed for 28 d before breeding and throughout gestation and lactation (until weaning PND 21). On PND 2, litte
Rat dams dosed for 28 d before breeding and throughout gestation and lactation (until weaning PND 21). On PND 2, litte
Rat dams dosed for 28 d before breeding and throughout gestation and lactation (until weaning PND 21). On PND 2, litte
Rat dams dosed for 28 d before breeding and throughout gestation and lactation (until weaning PND 21). On PND 2, litte
Male rats dosed ip with 2 mg/kg A1254 for 30 days. Starting age NR; 200-250 g male albino rats. Treatment resulted in ne
Male rats dosed ip with 2 mg/kg A1254 for 30 days. Starting age NR; 200-250 g male albino rats. Significant treatment eff
Male rats dosed ip with 2 mg/kg A1254 for 30 days. Starting age NR; 200-250 g male albino rats. Significant change in op
Male rats dosed ip with 2 mg/kg A1254 for 30 days. Starting age NR; 200-250 g male albino rats. Significant treatment ef
Mouse dams dosed GD6 to PND 21. Litter size NR; use default. Culled to 6 pups per litter by PND 1. Postnatal assessment
Pregnant rats were given i.p. injections of 1 mg/kg of Aroclor 1221 on GD 16, GD 18, and GD 20, and/or after birth, pups
Pregnant rats were given i.p. injections of 1 mg/kg of Aroclor 1221 on GD 16, GD 18, and GD 20, and/or after birth, pups
Pregnant rats were given i.p. injections of 1 mg/kg of Aroclor 1221 on GD 16, GD 18, and GD 20, and/or after birth, pups
Single dose (20 mg/kg) in male mice (8 wk of age); endpoints assessed at end of week 12; "Ad libitum food consumption
Single dose (20 mg/kg) in male mice (8 wk of age); endpoints assessed at end of week 12; serum triglycerides altered (Fig
Single dose (20 mg/kg) in male mice (8 wk of age); endpoints assessed at end of week 12; no difference in hepatic choles
Single dose (20 mg/kg) in male mice (8 wk of age); steatohepatitis observed at end of week 12 (Fig 4)
Single dose (20 mg/kg) in male mice (8 wk of age); endpoints assessed at end of week 12; no difference in hepatic triglyc
Single dose (20 mg/kg) in male mice (8 wk of age); endpoints assessed at end of week 12; no change in serum liver enzyn
Single dose (20 mg/kg) in male mice (8 wk of age); endpoints assessed at end of week 12; no effect on adipocyte size (Fig
Single dose (20 mg/kg) in male mice (8 wk of age); body fat composition measured at 12 wk; no change (Fig 2)
Single dose (20 mg/kg) in male mice (8 wk of age); blood glucose levels measured at week 11; no change (Fig 5)
Single dose (20 mg/kg) in male mice (8 wk of age); energy expenditure calculated from respiratory exchange rate, assess
Single dose (20 mg/kg) in male mice (8 wk of age); GTT at week 11; "Aroclor 1260 exposure had no effect on AUC in WT..
Single dose (20 mg/kg) in male mice (8 wk of age); GTT at week 11; change in insulin levels (Fig 5B).
Single dose (20 mg/kg) in male mice (8 wk of age); GTT at week 11; change in insulin resistance (Fig 5C).
Single dose (20 mg/kg) in male mice (8 wk of age). Activity level assesesd 12 wk later. No effect of exposure on activity le

52	0.9	0.312	0.066	5	56 COMPLETE
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18	0.9	0.229	0.264	6	21 COMPLETE

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Bell et al.	2016	3351306
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Garcia et al.	2016	3748820
Garcia et al.	2016	3748820
Garcia et al.	2016	3748820
Wahlang et al.	2017	3982706
Wahlang et al.	2017	3982706
Wahlang et al.	2017	3982706
Wahlang et al.	2017	3982706
Wahlang et al.	2017	3982706
Wahlang et al.	2017	3982706
Wahlang et al.	2017	3982706
Wahlang et al.	2017	3982706
Wahlang et al.	2017	3982706
Wahlang et al.	2017	3982706
Wahlang et al.	2017	3982706
Gillette et al.	2017	3982717
Gillette et al.	2017	3982717
Gillette et al.	2017	3982717

anogenital distance
eye opening
litter size
sex ratio
pup weight
pup weight
adrenal weight
elevated plus maze and light-dark box (anxiety)
sociosexual interactions, ultrasonic vocalizations and affiliative behavior, sociability
sociosexual interactions, ultrasonic vocalizations and affiliative behavior, sociability
estrous cyclicity
puberty onset, females
puberty onset, males
gonad weight, females
testes weight
serum T3, T4, TSH
thyroid histopathology
litter number, litter size, offspring mortality
kit body weight
gestation duration
litter number, litter size
lipid droplet accumulation in livers, results of H&E staining of liver samples
lipid droplet accumulation in livers
serum ALT and AST
adrenal weight
thyroid weight
liver histopathology
liver weight
age of preputial separation
testes histopathology, testes morphometry (quantitation of mature germ cell most numerous in tubular epithelium), epi
testes weight, epididymis weight, prostate weight
kidneys histopathology
kidneys weight
systolic and diastolic blood pressure
steatosis (FLD), steatic hepatitis (neutrophil infiltration), fibrosis, liver histopathology
steatosis (FLD)
liver weight
body fat composition
blood glucose
overall energy expenditure (carbohydrate and lipid utilization), movement/physical activity (for metabolic purposes), oxy
glucose tolerance
pancreatic insulin secretion
insulin resistance, insulin sensitivity
physical activity
AGD
age at eye opening
litter size, resorptions

Anogenital distance	Reproductive
Developmental milestones	Developmental
Offspring mortality	Developmental
Sex ratio	Reproductive
Weight and size (early life)	Developmental
Weight and size (early life)	Developmental
Adrenal weight	Endocrine
Emotional state/affective behavior	Nervous System
Social behavior/development	Nervous System
Social behavior/development	Nervous System
Estrous/Menstrual Cycle	Reproductive
Pubertal Development (F)	Reproductive
Pubertal Development (M)	Reproductive
Reproductive Organ Size/Weight (F)	Reproductive
Reproductive Organ Size/Weight (M)	Reproductive
HPT Hormones	Endocrine
Thyroid Histopathology	Endocrine
Offspring Mortality	Developmental
Weight and Size (Early Life)	Developmental
Gestation Duration/Preterm Birth	Reproductive
Pregnancy/conception rate	Reproductive
Liver Histopathology	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Serum Biomarkers of Liver Health & Function	Hepatobiliary
Adrenal Weight	Endocrine
Thyroid Size/Weight	Endocrine
Liver Histopathology	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Pubertal Development (M)	Reproductive
Reproductive Organ Histopathology (M)	Reproductive
Reproductive Organ Size/Weight (M)	Reproductive
Kidney Histopathology	Urinary System
Kidney Weight	Urinary System
Blood Pressure/Hypertension	Cardiovascular
Liver Histopathology	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Adipose Tissue Size/Weight	Metabolic
Blood/Urinary Glucose	Metabolic
Body Temperature/Metabolic Rate	Metabolic
Impaired Glucose Tolerance	Metabolic
Insulin Levels	Metabolic
Insulin Resistance	Metabolic
Motor Function/Development	Nervous System
Anogenital distance	Reproductive
Developmental milestones	Developmental
Offspring mortality	Developmental

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Aroclor 1221
Aroclor 1221

Rat	Injection-ip	Secondary
Rat	Injection-ip	Secondary
Rat	Injection-ip	Secondary
Rat	Injection-ip	Secondary
Rat	Injection-ip	Secondary
Rat	Injection-ip	Primary
Rat	Injection-ip	Secondary
Rat	Injection-ip	Secondary
Rat	Injection-ip	Secondary
Rat	Injection-ip	Primary
Rat	Injection-ip	Secondary
Rat	Injection-ip	Secondary
Rat	Injection-ip	Secondary
Rat	Injection-ip	Secondary
Rat	Injection-ip	Secondary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Mink	Oral-diet	Secondary
Mink	Oral-diet	Secondary
Mink	Oral-diet	Primary
Mink	Oral-diet	Primary
Mouse	Injection-ip	Primary
Mouse	Injection-ip	Primary
Mouse	Injection-ip	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Mouse	Oral-gavage	Primary
Mouse	Oral-gavage	Primary
Mouse	Oral-gavage	Primary
Mouse	Oral-gavage	Primary
Mouse	Oral-gavage	Primary
Mouse	Oral-gavage	Primary
Mouse	Oral-gavage	Primary
Mouse	Oral-gavage	Primary
Mouse	Oral-gavage	Primary
Mouse	Oral-gavage	Primary
Mouse	Oral-gavage	Primary
Rat	Injection-ip	Secondary
Rat	Injection-ip	Secondary
Rat	Injection-ip	Secondary

		no	11.33
24	5		
		no	11.33
		no	11.33
24	5		
		no	11.33
		no	11.33
89	8		
89	8		
		no	3.4
		no	3.8
912.5	77		
56	28		
56	28		
23	30		
23	30		

16	20	N/A	N/A	7
16	20	N/A	N/A	21
16	20	N/A	N/A	21
16	20	N/A	N/A	21
16	20	N/A	N/A	21
-30	47	N/A	N/A	0
-30	68	N/A	N/A	21

29	2	0	0.6	0.6
		0	0.6	0.6
57	2	0	0.6	0.6
53	2	0	0.6	0.6
		0	0.6	0.6
56	2	0	0.6	0.6
112	2	0	0.6	0.6
		0	0.1	10
		0	0.1	10
47	3	1	1.77	28.8
68	2	1	1.77	28.8
		1	1.77	28.8
		0	7.86	7.86
		0	7.86	7.86
		0	1	1
		0	1	1

			N/A
			N/A
			N/A
			N/A
N/A		0.6	N/A
N/A		0.6	
			N/A
N/A		0.6	N/A
N/A		0.6	N/A
N/A		0.6	
			N/A
N/A		0.6	N/A
			N/A
			N/A
N/A		0.6	N/A
N/A		0.1	
	0.1	1	
	10.6	17.1	N/A
	4.01	10.6	N/A
			N/A
	4.01	10.6	
N/A		7.86	
N/A		7.86	
			N/A
			N/A
			N/A
			N/A
			N/A
			N/A
N/A		1	
			N/A
N/A		1	
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			N/A
			N/A

Dams dosed on GD16, 18 & 20; pup weight altered by PND7Mean litter size of LOAEL dose group was 11.33 pups as repor
Pups dosed directly on PND 24, 26 & 28; pup weight affected by PND49Reported study dose of 1 mg/kg-d adjusted for co

Dams dosed on GD16, 18 & 20; PND35-36: "...females exposed to PCBs during prenatal development showed more entrie
Dams dosed on GD16, 18 & 20; reported study dose of 1 mg/kg-d adjusted for continuous exposure (3 mg/kg-d administe
Pups dosed directly on PND 24, 26 & 28; reported study dose of 1 mg/kg-d adjusted for continuous exposure (3 mg/kg-d a

Dams dosed on GD16, 18 & 20; > PND33: "Prenatal A1221 exposure delayed vaginal opening by approximately a day in fe

Dams dosed on GD16, 18 & 20; "Prenatal PCBs also decreased gonad weight at time of sacrifice in males..."Mean litter siz
Age at dosing: [10x7]+7+12=89; all treatment groups OVX, compare to OVX control for effects; Fig 2, tT4 most sensitive
Age at dosing: [10x7]+7+12=89; all treatment groups OVX, compare to OVX control for effects; Table 2
Dosing began Feb, 1 mo prior to breeding, continued until dams gave birth 23 April - 9 May; litter size for LOAEL dose gro
Dosing began Feb, 1 mo prior to breeding, continued until dams gave birth 23 April - 9 May; litter size for LOAEL dose gro
Dosing began Feb, 1 mo prior to breeding, continued until dams gave birth 23 April - 9 May; no difference in gestation du
Dosing began Feb, 1 mo prior to breeding, continued until dams gave birth 23 April - 9 May; total kits per litter altered at
8 week old mice were given 4 i.p. injections of 55mg/kg of Aroclor 1254 over the course of 4 weeks. The dose calculation
8 week old mice were given 4 i.p. injections of 55mg/kg of Aroclor 1254 over the course of 4 weeks. The dose calculation
8 week old mice were given 4 i.p. injections of 55mg/kg of Aroclor 1254 over the course of 4 weeks. The dose calculation
23 day old rats bred inhouse were gavaged with 1.0 mg/kg/day of Aroclor for 30 days. Outcomes were assessed at two t
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23 day old rats bred inhouse were gavaged with 1.0 mg/kg/day of Aroclor for 30 days. Outcomes were assessed at two t
Two doses given, at week 5 and week 7 (10mg/kg each) starting with 8 week old mice; age at dosing: 30.42x[8+5]=395.4
Two doses given, at week 5 and week 7 (10mg/kg each) starting with 8 week old mice; age at dosing: 30.42x[8+5]=395.4
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Two doses given, at week 5 and week 7 (10mg/kg each) starting with 8 week old mice; age at dosing: 30.42x[8+5]=395.4

Effects on pup weight observed by PND21 (0.5 mg/kg-day); AGD = NOAEL; offspring mortality = NOAEL; sex ratio = NOAEL

22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
52	0.9	0.312	0.066	5	56 COMPLETE
52	0.9	0.312	0.066	5	56 COMPLETE
52	0.9	0.312	0.066	5	56 COMPLETE
52	0.9	0.312	0.066	5	56 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
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22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
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18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE

Geniece
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Gillette et al.	2017	3982717
Gillette et al.	2017	3982717
Gillette et al.	2017	3982717
Gillette et al.	2017	3982717
Gillette et al.	2017	3982717
Gillette et al.	2017	3982717
Aly et al.	2017	3983444
Aly et al.	2017	3983444
Aly et al.	2017	3983444
Aly et al.	2017	3983444
Sadowski et al.	2016	3983596
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Mucio-Ramírez et al.	2017	3984423
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Mazen and Zidan	2017	3985251
Mazen and Zidan	2017	3985251
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Bandara et al.	2017	3985418
Bandara et al.	2017	3985418
Bandara et al.	2017	3985418
Bandara et al.	2017	3985418
Bavithra et al.	2017	3985422
Bavithra et al.	2017	3985422
Bavithra et al.	2017	3985422
Parent et al.	2016	3985424
Parent et al.	2016	3985424
Parent et al.	2016	3985424
Parent et al.	2016	3985424

sex ratio
pup weight
elevated plus maze and light-dark box (anxiety)
day of vaginal opening
day of preputial separation
testosterone levels in males
reproductive organ histopathology
reproductive organ size/weight
testosterone levels
sperm count, sperm motility, and daily sperm production
activation of auditory cortex
operant behavior
blood osmolality
brain histopathology
activity box
operant testing
epididymal histopathology
sex hormone (testosterone) levels
sperm count
malformations
litter size
pup weight
seizure susceptibility
litter size, conception rate
brain histopathology
elevated plus maze, open field
rotarod
thyroid hormones (adult)
thyroid hormones (F1)
brain histopathology
hippocampal development/neurophysiology

Sex ratio	Reproductive
Weight and size (early life)	Developmental
Emotional state/affective behavior	Nervous System
Pubertal Development (F)	Reproductive
Pubertal Development (M)	Reproductive
Sex Hormone Levels (M)	Reproductive
Reproductive Organ Histopathology (M)	Reproductive
Reproductive Organ Size/Weight (M)	Reproductive
Sex Hormone Levels (M)	Reproductive
Sperm/Semen Parameters	Reproductive
Neurophysiology	Nervous System
Cognitive function	Nervous System
ADH/vasopressin & osmoregulation	Endocrine
Brain Weight & Histopathology	Nervous System
Motor Function/Development	Nervous System
Cognitive function	Nervous System
Reproductive Organ Histopathology (M)	Reproductive
Sex Hormone Levels (M)	Reproductive
Sperm/Semen Parameters	Reproductive
Birth Defects	Developmental
Offspring mortality	Developmental
Weight and Size (Early Life)	Developmental
Neurophysiology	Nervous System
Pregnancy/conception rate	Reproductive
Brain Weight & Histopathology	Nervous System
Emotional state/affective behavior	Nervous System
Motor Function/Development	Nervous System
HPT Hormones	Endocrine
HPT Hormones	Endocrine
Brain Weight & Histopathology	Nervous System
Neurophysiology	Nervous System

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Fox River PCB mixture
Fox River PCB mixture
Aroclor 1254
Aroclor 1254
Fox River PCB mixture
Fox River PCB mixture
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Fox River PCB mixture
Fox River PCB mixture
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Fox River PCB mixture
Aroclor 1254
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Aroclor 1254

Rat	Injection-ip	Secondary
Rat	Injection-ip	Secondary
Rat	Injection-ip	Secondary
Rat	Injection-ip	Secondary
Rat	Injection-ip	Secondary
Rat	Injection-ip	Secondary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-gavage	Primary
Rat	Oral-cookie	Secondary
Rat	Oral-syringe	Primary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Secondary
Rat	Injection-ip	Primary
Rat	Injection-ip	Primary
Rat	Injection-ip	Primary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Secondary
Rat	Oral-cookie	Primary
Rat	Injection-ip	Primary
Rat	Injection-ip	Primary
Rat	Injection-ip	Primary
Mouse	Oral-cookie	Primary
Mouse	Oral-cookie	Secondary
Mouse	Oral-cookie	Secondary
Mouse	Oral-cookie	Secondary

		no	13
		no	12
		no	12
	97	15	
	97	15	
	97	15	
	97	15	
		no	10
	27	23	
		no	10
		no	10
NR (150-200 g males)		30	
NR (150-200 g males)		30	
NR (150-200 g males)		30	
		no	10
		no	10
NR (180-200 g males)		30	
NR (180-200 g males)		30	
NR (180-200 g males)		30	
	70	14	
		no	6
		no	6
		no	6

16	18	N/A	N/A	21
16	18	N/A	N/A	21
16	18	N/A	N/A	21
-28	43	N/A	N/A	21
10	19	N/A	N/A	22
-28	43	N/A	N/A	21
-28	29	N/A	N/A	7
-28	43	N/A	N/A	21
6	25	N/A	N/A	7
6	39	N/A	N/A	21
6	39	N/A	N/A	21

43	2	0	0.33	0.67
82	2	0	0.33	0.67
65	2	0	0.33	0.67
		0	20	60
		0	20	60
		0	20	60
		0	20	60
522	2	0	6	6
		0	3	6
113	2	0	30	30
112	2	0	3	6
		0	2	2
		0	2	2
		0	2	2
29	2	0	6	6
112	2	0	6	6
		0	2	2
		0	2	2
		0	2	2
		0	6	6
25	2	0	6	6
74	2	0	6	6
46	2	0	6	6

			N/A
N/A		0.33	N/A
	0.33	0.67	N/A
			N/A
	0.33	0.67	N/A
			N/A
N/A		20	
N/A		20	
	20	40	
N/A		20	
N/A		6	N/A
N/A		3	
			N/A
N/A		30	N/A
N/A		3	N/A
			N/A
N/A		2	
N/A		2	
N/A		2	
			N/A
			N/A
N/A		6	N/A
N/A		6	N/A
			N/A
N/A		2	
N/A		2	
N/A		2	
N/A		6	
N/A		6	N/A
N/A		6	N/A
N/A		6	N/A

Effects on pup weight observed by PND21Doses of 0.5 and 1.0 mg/kg-day administered on GD 16 and 18Litter size of ~13
Effects on light:dark box behavior observed at PND60Doses of 0.5 and 1.0 mg/kg-day administered on GD 16 and 18Litter
Effects on preputial separationDoses of 0.5 and 1.0 mg/kg-day administered on GD 16 and 18Litter size of ~12 estimated
20, 40, or 60 mg/kg/day for 15 consecutive d; endpoints assessed 24 h after last dose; testes histopathology altered at lo
20, 40, or 60 mg/kg/day for 15 consecutive d; endpoints assessed 24 h after last dose; testes weight altered (Table 1)
20, 40, or 60 mg/kg/day for 15 consecutive d; endpoints assessed 24 h after last dose; testosterone levels altered (Fig 1)
20, 40, or 60 mg/kg/day for 15 consecutive d; endpoints assessed 24 h after last dose; sperm count, mobility, and produc
Dosing 4 weeks prior to breeding until PND21 (rats); test compound to mimic Fox River PCB mixture; litter size at birth NI
Dosing from PND27-50
Rat dams dosed GD10-19; litters culled to 8 pups per dam at PND4; endpoints assessed at 3-5 months of age [(30.42*3)+
Rat dams dosed GD10-19; litters culled to 8 pups per dam at PND4; endpoints assessed at 3-5 months of age [(30.42*3)+
Altered activity level at PND90Litter size NR; use default
Adult male rats exposed for 30 d; Androgren receptor optical density, collagen fiber area in epididymis
Adult male rats exposed for 30 d; testosterone levels affected (Table 1)
Adult male rats exposed for 30 d; sperm count affected (Table 2)
"No other gross developmental abnormalities were noted."
"There were 17 successful litters. Of the remaining dams, 9 were not pregnant and 4 had litters too small to be included i
Rat dams dosed for 28 d before breeding and throughout gestation and lactation (until weaning PND 21). On PND 2, litte
Rat dams dosed for 28 d before breeding and throughout gestation and lactation (until weaning PND 21). On PND 2, litte
"There were 17 successful litters. Of the remaining dams, 9 were not pregnant and 4 had litters too small to be included i
Adult male wistar rats (180-200 g) dosed for 30 d; "PCBs intoxicated neuronal cell with pyknotic cell bodies, non homoge
Adult male wistar rats (180-200 g) dosed for 30 d; open field (Fig 2) and EPM (Fig 3) activity altered.
Adult male wistar rats (180-200 g) dosed for 30 d; rotatod performance altered (Fig 1)
Dosed PND 70 to PND 84; total T4 and free T4
Dosing from GD6-PND21 (mice); litter size NR, use default; free and total thyroxin altered at PND7 (Fig S1)
Dosing from GD6-PND21 (mice); litter size NR, use default; number of POMC-EGFP-positive cells altered at PND56 (Fig 2)
Dosing from GD6-PND21 (mice); litter size NR; sEPSC frequency altered at PND28 (Fig 5)

22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
22	0.9	0.094	0.154	10	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE
18	0.9	0.229	0.264	6	21 COMPLETE

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Author	Year	HERO ID
Byrne et al.	1988	198639
Mayes et al.	1998	198857
Goldstein et al.	1975	2179842
Iverson et al.	1975	2179920
Mayes et al.	1998	198857
Burse et al.	1974	1404880
Burse et al.	1974	1404880
Mayes et al.	1998	198857
Goldstein et al.	1975	2179842
Iverson et al.	1975	2179920
Goldstein et al.	1975	2179842
Iverson et al.	1975	2179920
Davis and Safe	1989	202219
Loose et al.	1978	63249
Freeman et al.	2000	202272
Freeman et al.	2000	202272
Seegal et al.	1991	201512
Seegal et al.	1994	201513
Seegal et al.	1992	202763
Seegal	1994	1411680
Seegal et al.	1991	2183795
Bleavins et al.	1980	198635
Goldstein et al.	1975	2179842
Byrne et al.	1988	198639
Schantz et al.	1989	199761
Gupta	2000	1415296
Gerstenberger and Tripoli	2001	116863
Bleavins et al.	1980	198635
Bleavins et al.	1980	198635
Barsotti and van Miller	1984	199568
Schantz et al.	1989	199761
Gerstenberger and Tripoli	2001	116863
Schantz et al.	1989	199761
Gerstenberger and Tripoli	2001	116863
Seegal	1994	1411680
Seegal	1994	1411680
Seegal	1994	1411680
Baldridge et al.	2003	150617
Gupta	2000	1415296
Bell et al.	2016	3351306

Unique ID for modeling
A1-Aroclor 1016
A2-Aroclor 1016
A3-Aroclor 1016
A4-Aroclor 1016
A5-Aroclor 1016
A6-Aroclor 1016
A7-Aroclor 1016
A8-Aroclor 1016
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A15-Aroclor 1016
A16-Aroclor 1016
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A19-Aroclor 1016
A20-Aroclor 1016
A21-Aroclor 1016
A22-Aroclor 1016
A23-Aroclor 1016
A24-Aroclor 1016
D1-Aroclor 1016
D2-Aroclor 1016
D3-Aroclor 1016
D4-Aroclor 1016
D5-Aroclor 1016
D6-Aroclor 1016
D7-Aroclor 1016
D8-Aroclor 1016
D9-Aroclor 1016
D10-Aroclor 1016
D11-Aroclor 1016
D12-Aroclor 1016
D13-Aroclor 1016
D14-Aroclor 1016
D15-Aroclor 1016
A1-Aroclor 1221

Endpoint Category	Outcome Category
HPA Hormones	Endocrine
Red Blood Cells/Hemoglobin	Hematopoietic
Liver Enzyme Induction	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Liver Histopathology	Hepatobiliary
Liver Histopathology	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Porphyrins	Hepatobiliary
Porphyrins	Hepatobiliary
Antibody Responses	Immune System
Endotoxin Sensitivity	Immune System
Body Temperature/Metabolic Rate	Metabolic
Motor Function/Development	Nervous System
Neurotransmitter levels	Nervous System
Neurotransmitter levels	Nervous System
Neurotransmitter levels	Nervous System
Neurotransmitter levels	Nervous System
Neurotransmitter Levels	Nervous System
Pregnancy/conception rate	Reproductive
Reproductive Organ Size/Weight (F)	Reproductive
Sex Hormone Levels (F)	Reproductive
Abnormal Pigmentation	Dermal
Anogenital Distance	Reproductive
Developmental Milestones	Developmental
Offspring mortality	Developmental
Weight and size (early life)	Developmental
Weight and Size (Early Life)	Developmental
Weight and Size (Early Life)	Developmental
Dental Effects	Musculoskeletal
Cognitive function	Nervous System
Motor Function/Development	Nervous System
Neurotransmitter levels	Nervous System
Neurotransmitter levels	Nervous System
Neurotransmitter levels	Nervous System
Reproductive Organ Histopathology (F)	Reproductive
Reproductive Organ Size/Weight (M)	Reproductive
Weight and size (early life)	Developmental

Test compound	Species
Aroclor 1016	Rat
Aroclor 1016	Rat
Aroclor 1016	Rat
Aroclor 1016	Rat
Aroclor 1016	Rat
Aroclor 1016	Rat
Aroclor 1016	Rat
Aroclor 1016	Rat
Aroclor 1016	Rat
Aroclor 1016	Rat
Aroclor 1016	Rat
Aroclor 1016	Rat
Aroclor 1016	Mouse
Aroclor 1016	Mouse
Aroclor 1016	Rat
Aroclor 1016	Rat
Aroclor 1016	Monkey
Aroclor 1016	Monkey
Aroclor 1016	Monkey
Aroclor 1016	Monkey
Aroclor 1016	Monkey
Aroclor 1016	Mink
Aroclor 1016	Rat
Aroclor 1016	Rat
Aroclor 1016	Monkey
Aroclor 1016	Mouse
Aroclor 1016	Rat
Aroclor 1016	Mink
Aroclor 1016	Mink
Aroclor 1016	Monkey
Aroclor 1016	Monkey
Aroclor 1016	Rat
Aroclor 1016	Monkey
Aroclor 1016	Rat
Aroclor 1016	Rat
Aroclor 1016	Rat
Aroclor 1016	Rat
Aroclor 1016	Rat
Aroclor 1016	Mouse
Aroclor 1221	Rat

Adult or Developmental Model	t_dose and t_exp	n_i and n_f	t_m_start	t_m_end	t_i_start
Adult	110	N/A	N/A	N/A	N/A
Adult	730	N/A	N/A	N/A	N/A
Adult	183	N/A	N/A	N/A	N/A
Adult	21	N/A	N/A	N/A	N/A
Adult	730	N/A	N/A	N/A	N/A
Adult	122	N/A	N/A	N/A	N/A
Adult	122	N/A	N/A	N/A	N/A
Adult	730	N/A	N/A	N/A	N/A
Adult	183	N/A	N/A	N/A	N/A
Adult	21	N/A	N/A	N/A	N/A
Adult	183	N/A	N/A	N/A	N/A
Adult	21	N/A	N/A	N/A	N/A
Adult	1	N/A	N/A	N/A	N/A
Adult	21	N/A	N/A	N/A	N/A
Adult	91	N/A	N/A	N/A	N/A
Adult	364	N/A	N/A	N/A	N/A
Adult	140	N/A	N/A	N/A	N/A
Adult	140	N/A	N/A	N/A	N/A
Adult	140	N/A	N/A	N/A	N/A
Adult	140	N/A	N/A	N/A	N/A
Adult	140	N/A	N/A	N/A	N/A
Adult	120	N/A	N/A	N/A	N/A
Adult	7	N/A	N/A	N/A	N/A
Adult	70	N/A	N/A	N/A	N/A
Developmental	N/A	1	-373	290	N/A
Developmental	N/A	8	16	18	N/A
Developmental	N/A	8	7	13	N/A
Developmental	N/A	7	-120	52	N/A
Developmental	N/A	7	-120	80	N/A
Developmental	N/A	1	-213	396	N/A
Developmental	N/A	1	-373	168	N/A
Developmental	N/A	8	7	13	N/A
Developmental	N/A	1	-373	290	N/A
Developmental	N/A	8	7	13	N/A
Developmental	N/A	10	8	21	N/A
Developmental	N/A	10	22	43	N/A
Developmental	N/A	10	8	43	N/A
Developmental	N/A	8	7	13	N/A
Developmental	N/A	8	16	18	N/A
Adult	5	N/A	N/A	N/A	N/A

t_i_end	t_lact	t_age	DM_code	Dose rate unit flag: 0 for mg/kg/d, 1 for mg/kg food	LOAEL: d_m or r_dose
N/A	N/A	N/A	N/A	0	0.0835
N/A	N/A	N/A	N/A	0	2.7
N/A	N/A	N/A	N/A	0	6
N/A	N/A	N/A	N/A	0	1
N/A	N/A	N/A	N/A	0	2
N/A	N/A	N/A	N/A	1	100
N/A	N/A	N/A	N/A	1	100
N/A	N/A	N/A	N/A	0	5.4
N/A	N/A	N/A	N/A	0	6
N/A	N/A	N/A	N/A	0	1
N/A	N/A	N/A	N/A	0	30
N/A	N/A	N/A	N/A	0	100
N/A	N/A	N/A	N/A	0	450
N/A	N/A	N/A	N/A	1	5
N/A	N/A	N/A	N/A	0	2.7
N/A	N/A	N/A	N/A	0	6.7
N/A	N/A	N/A	N/A	0	0.8
N/A	N/A	N/A	N/A	0	1.6
N/A	N/A	N/A	N/A	0	3.2
N/A	N/A	N/A	N/A	0	3.2
N/A	N/A	N/A	N/A	0	0.8
N/A	N/A	N/A	N/A	1	20
N/A	N/A	N/A	N/A	0	6
N/A	N/A	N/A	N/A	0	0.0835
N/A	122	290	2	0	0.00758
N/A	3	21	2	0	0.05
N/A	5	27	2	0	2.5
N/A	0	52	3	1	20
N/A	28	80	2	1	20
N/A	0	168	3	0	0.0297
N/A	0	168	3	0	0.0297
N/A	9	31	2	0	2.5
N/A	122	594	2	0	0.0297
N/A	6	28	2	0	2.5
N/A	21	47	2	1	100
N/A	21	47	4	1	100
N/A	21	57	2	1	100
N/A	21	46	2	0	2.5
N/A	3	21	2	0	0.05
N/A	N/A	N/A	N/A	0	0.6

LOAEL: d_i	Dose metric (mg/kg)	t_gest	F_abs
N/A	2.966139471	22	0.9
N/A	211.4779355	22	0.9
N/A	293.5416463	22	0.9
N/A	8.827659548	22	0.9
N/A	156.6503226	22	0.9
N/A	330.7467098	22	0.9
N/A	330.7467098	22	0.9
N/A	422.9558709	22	0.9
N/A	293.5416463	22	0.9
N/A	8.827659548	22	0.9
N/A	1467.708231	22	0.9
N/A	882.7659494	22	0.9
N/A	201.8196882	18	0.9
N/A	6.148013068	18	0.9
N/A	83.66735438	22	0.9
N/A	444.6067179	22	0.9
N/A	38.30203771	168	0.9
N/A	76.60407542	168	0.9
N/A	153.2081509	168	0.9
N/A	153.2081509	168	0.9
N/A	38.30203771	168	0.9
N/A	49.93663429	52	0.9
N/A	18.47078089	22	0.9
N/A	2.11477651	22	0.9
N/A	0.566823298	168	0.9
N/A	0.008027526	18	0.9
N/A	4.607537973	22	0.9
N/A	32.32139856	52	0.9
N/A	39.22006289	52	0.9
N/A	0.638108087	168	0.9
N/A	0.714709454	168	0.9
N/A	7.06156021	22	0.9
N/A	2.220930217	168	0.9
N/A	5.255684184	22	0.9
N/A	63.72240788	22	0.9
N/A	68.10688635	22	0.9
N/A	102.1298169	22	0.9
N/A	9.303174647	22	0.9
N/A	0.008027526	18	0.9
N/A		22	0.9

Wassermann et al.	1973	202586
Kiliç et al.	2005	2160457
Kiliç et al.	2005	2160457
Wassermann et al.	1973	2198726
Kutlu et al.	2007	1416637
Yilmaz et al.	2006	1413769
Kutlu et al.	2007	1416637
Bell et al.	2016	3351306
Uslu et al.	2013	1800330
Gellert	1978	668886
Kutlu et al.	2007	1416637
Kutlu et al.	2007	1416637
Dickerson et al.	2011	759764
Dickerson et al.	2011	759826
Dickerson et al.	2011	759764
Walker et al.	2014	2149404
Gellert and Wilson	1979	202281
Gellert	1978	668886
Dickerson et al.	2011	759764
Steinberg et al.	2008	1410076
Reilly et al.	2015	2919758
Bell et al.	2016	3351306
Gillette et al.	2017	3982717
Walker et al.	2014	2149404
Reilly et al.	2015	2919758
Gellert	1978	668886
Bell et al.	2016	3351306
Gillette et al.	2017	3982717
Steinberg et al.	2007	116896
Chung and Clemens	1999	1414725
Reilly et al.	2015	2919758
Bell et al.	2016	3351306
Dickerson et al.	2011	759764
Salama et al.	2003	1418293
Walker et al.	2013	2149949
Gellert	1978	668886
Gellert	1978	668886
Dickerson et al.	2011	759764
Bell et al.	2016	3351306
Dickerson et al.	2011	759764
Walker et al.	2014	2149404
Gillette et al.	2017	3982717
Gellert	1978	668886
Bell et al.	2016	3351306
Steinberg et al.	2008	1410076
Walker et al.	2013	2149949
Dickerson et al.	2011	759764

A2-Aroclor 1221
A3-Aroclor 1221
A4-Aroclor 1221
A5-Aroclor 1221
A6-Aroclor 1221
A7-Aroclor 1221
A8-Aroclor 1221
A9-Aroclor 1221
A10-Aroclor 1221
A11-Aroclor 1221
A12-Aroclor 1221
A13-Aroclor 1221
D1-Aroclor 1221
D2-Aroclor 1221
D3-Aroclor 1221
D4-Aroclor 1221
D5-Aroclor 1221
D6-Aroclor 1221
D7-Aroclor 1221
D8-Aroclor 1221
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D12-Aroclor 1221
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D16-Aroclor 1221
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D27-Aroclor 1221
D28-Aroclor 1221
D29-Aroclor 1221
D30-Aroclor 1221
D31-Aroclor 1221
D32-Aroclor 1221
D33-Aroclor 1221
D34-Aroclor 1221
D35-Aroclor 1221

HPA Hormones	Endocrine
HPT Hormones	Endocrine
Thyroid Histopathology	Endocrine
Thyroid Histopathology	Endocrine
Liver Histopathology	Hepatobiliary
Serum Biomarkers of Liver Health & Function	Hepatobiliary
Serum Biomarkers of Liver Health & Function	Hepatobiliary
Social behavior/development	Nervous System
Reproductive Organ Histopathology (F)	Reproductive
Reproductive Organ Size/Weight (F)	Reproductive
Kidney Histopathology	Urinary System
Serum Biomarkers of Renal Function	Urinary System
Anogenital Distance	Reproductive
Anogenital Distance	Reproductive
Developmental Milestones	Developmental
Developmental Milestones	Developmental
Weight and Size (Early Life)	Developmental
Weight and Size (Early Life)	Developmental
Weight and Size (Early Life)	Developmental
Weight and Size (Early Life)	Developmental
Weight and size (early life)	Developmental
Weight and size (early life)	Developmental
Weight and size (early life)	Developmental
Adrenal Weight	Endocrine
HPA hormones	Endocrine
Pituitary Weight	Endocrine
Emotional state/affective behavior	Nervous System
Emotional state/affective behavior	Nervous System
Social behavior/development	Nervous System
Social behavior/development	Nervous System
Social behavior/development	Nervous System
Social behavior/development	Nervous System
Estrous/Menstrual Cycle	Reproductive
Estrous/Menstrual Cycle	Reproductive
Estrous/Menstrual Cycle	Reproductive
Ovulation	Reproductive
Pubertal Development (F)	Reproductive
Pubertal Development (F)	Reproductive
Pubertal Development (F)	Reproductive
Pubertal Development (M)	Reproductive
Pubertal Development (M)	Reproductive
Pubertal Development (M)	Reproductive
Reproductive aging	Reproductive
Reproductive Organ Size/Weight (M)	Reproductive
Sex Hormone Levels (F)	Reproductive
Sex Hormone Levels (F)	Reproductive
Sex Hormone Levels (M)	Reproductive

Aroclor 1221	Rat
Aroclor 1221	Rat
Aroclor 1221	Rat

Adult		70	N/A	N/A	N/A	N/A	
Adult		42	N/A	N/A	N/A	N/A	
Adult		42	N/A	N/A	N/A	N/A	
Adult		70	N/A	N/A	N/A	N/A	
Adult		42	N/A	N/A	N/A	N/A	
Adult		42	N/A	N/A	N/A	N/A	
Adult		42	N/A	N/A	N/A	N/A	
Adult		5	N/A	N/A	N/A	N/A	
Adult		3	N/A	N/A	N/A	N/A	
Adult		1	N/A	N/A	N/A	N/A	
Adult		42	N/A	N/A	N/A	N/A	
Adult		42	N/A	N/A	N/A	N/A	
Developmental	N/A		10	16	18	N/A	
Developmental	N/A		12	16	18	N/A	
Developmental	N/A		10	16	18	N/A	
Developmental	N/A		10	16	18	N/A	
Developmental	N/A		10	14	20	N/A	
Developmental	N/A						24
Developmental	N/A		10	16	18	N/A	
Developmental	N/A		12	16	18	N/A	
Developmental	N/A		8	16	18	N/A	
Developmental	N/A		11.33	16	20	N/A	
Developmental	N/A		13	16	18	N/A	
Developmental	N/A		10	16	18	N/A	
Developmental	N/A		8	16	18	N/A	
Developmental	N/A						24
Developmental	N/A		11.33	16	20	N/A	
Developmental	N/A		12	16	18	N/A	
Developmental	N/A		10	16	18	N/A	
Developmental	N/A		10	14	32	N/A	
Developmental	N/A		8	16	18	N/A	
Developmental	N/A		11.33	16	20	N/A	
Developmental	N/A		10	16	18	N/A	
Developmental	N/A		10	16	26	N/A	
Developmental	N/A		10	16	18	N/A	
Developmental	N/A						24
Developmental	N/A						24
Developmental	N/A		10	16	18	N/A	
Developmental	N/A		11.33	16	20	N/A	
Developmental	N/A		10	16	18	N/A	
Developmental	N/A		10	16	18	N/A	
Developmental	N/A		12	16	18	N/A	
Developmental	N/A						24
Developmental	N/A		11.33	16	20	N/A	
Developmental	N/A		12	16	18	N/A	
Developmental	N/A		10	16	18	N/A	
Developmental	N/A		10	16	18	N/A	

N/A	N/A	N/A	N/A		1	250
N/A	N/A	N/A	N/A		0	5
N/A	N/A	N/A	N/A		0	5
N/A	N/A	N/A	N/A		1	250
N/A	N/A	N/A	N/A		0	5
N/A	N/A	N/A	N/A		0	5
N/A	N/A	N/A	N/A		0	5
N/A	N/A	N/A	N/A		0	0.6
N/A	N/A	N/A	N/A		0	10
N/A	N/A	N/A	N/A		0	1000
N/A	N/A	N/A	N/A		0	5
N/A	N/A	N/A	N/A		0	5
N/A		1	23	2	0	0.67
N/A		1	23	2	0	0.67
N/A		14	36	2	0	0.67
N/A		15	37	2	0	0.67
N/A		21	204.5	2	0	30
	25		265	4	0	N/A
N/A		14	36	2	0	0.67
N/A		21	56	2	0	0.667
N/A		21	112	2	0	0.33
N/A		7	29	2	0	0.6
N/A		21	43	2	0	0.33
N/A		21	52	2	0	0.67
N/A		21	112	2	0	0.33
	25		265	4	0	N/A
N/A		21	57	2	0	0.6
N/A		21	82	2	0	0.67
N/A		21	72	2	0	0.67
N/A		28	82	2	0	14
N/A		21	82	2	0	0.33
N/A		21	53	2	0	0.6
N/A		21	55	2	0	0.67
N/A		22	60	2	0	0.27
N/A		21	295.75	2	0	0.67
	25		265	4	0	N/A
	25		50	4	0	N/A
N/A		21	55	2	0	0.67
N/A		21	56	2	0	0.6
N/A		21	65	2	0	0.67
N/A		21	64	2	0	0.67
N/A		21	65	2	0	0.67
	25		205	4	0	N/A
N/A		21	112	2	0	0.6
N/A		21	72	2	0	0.667
N/A		21	295.75	2	0	0.67
N/A		21	82	2	0	0.67

N/A		22	0.9
N/A		22	0.9
N/A		22	0.9
N/A		22	0.9
N/A		22	0.9
N/A		22	0.9
N/A		22	0.9
N/A		22	0.9
N/A		22	0.9
N/A		22	0.9
N/A		22	0.9
N/A		22	0.9
N/A		22	0.9
N/A		22	0.9
N/A		22	0.9
N/A		22	0.9
N/A		22	0.9
N/A		22	0.9
	1000	22	0.9
N/A		22	0.9
N/A		22	0.9
N/A		22	0.9
N/A		22	0.9
N/A		22	0.9
N/A		22	0.9
N/A		22	0.9
	1000	22	0.9
N/A		22	0.9
N/A		22	0.9
N/A		22	0.9
N/A		22	0.9
N/A		22	0.9
N/A		22	0.9
N/A		22	0.9
N/A		22	0.9
	1000	22	0.9
	1000	22	0.9
N/A		22	0.9
N/A		22	0.9
N/A		22	0.9
N/A		22	0.9
N/A		22	0.9
	1000	22	0.9
N/A		22	0.9
N/A		22	0.9
N/A		22	0.9
N/A		22	0.9

Walker et al.	2014	2149404
Walker et al.	2013	2149949
Bell et al.	2016	3351276
Steinberg et al.	2007	116896
Chung and Clemens	1999	1414725
Harris et al.	1993	202318
Davis and Safe	1989	202219
Becker et al.	1979	198634
Byrne et al.	1988	198639
Bruckner et al.	1974	2155504
Nieminen et al.	2000	2166345
Casey et al.	1999	199578
Casey et al.	1999	199578
Saeed and Hansen	1997	202501
Martin and Klaassen	2010	1294814
Sepkovic and Byrne	1984	1442578
Martin et al.	2012	1510306
Casey et al.	1999	199578
Saeed and Hansen	1997	202501
Bruckner et al.	1973	201809
Becker et al.	1979	198634
Mayes et al.	1998	198857
Bruckner et al.	1973	201809
Bruckner et al.	1974	202798
Bruckner et al.	1974	2155504
Becker et al.	1979	198634
Martin et al.	2012	1510306
Mayes et al.	1998	198857
Käkelä et al.	2002	150645
Harper et al.	1995	202317
Bruckner et al.	1973	201809
Bruckner et al.	1973	201809
Harris et al.	1993	202318
Litterst et al.	1972	202416
Bruckner et al.	1974	202798
Martin and Klaassen	2010	1294814
Nesković et al.	1984	1407759
Soontornchat et al.	1994	1411900
Martin et al.	2012	1510306
Bruckner et al.	1974	2155504
Goldstein et al.	1975	2179842
Iverson et al.	1975	2179920
Loose et al.	1977	63248
Loose et al.	1978	63249
Koller	1977	202385
Loose et al.	1979	202419
Mayes et al.	1998	198857

D36-Aroclor 1221
D37-Aroclor 1221
D38-Aroclor 1221
D39-Aroclor 1221
D40-Aroclor 1221
NONE
NONE
A1-Aroclor 1242
A2-Aroclor 1242
A3-Aroclor 1242
A4-Aroclor 1242
A5-Aroclor 1242
A6-Aroclor 1242
A7-Aroclor 1242
A8-Aroclor 1242
A9-Aroclor 1242
A10-Aroclor 1242
A11-Aroclor 1242
A12-Aroclor 1242
A13-Aroclor 1242
A14-Aroclor 1242
A15-Aroclor 1242
A16-Aroclor 1242
A17-Aroclor 1242
A18-Aroclor 1242
A19-Aroclor 1242
A20-Aroclor 1242
A21-Aroclor 1242
A22-Aroclor 1242
A23-Aroclor 1242
A24-Aroclor 1242
A25-Aroclor 1242
A26-Aroclor 1242
A27-Aroclor 1242
A28-Aroclor 1242
A29-Aroclor 1242
A30-Aroclor 1242
A31-Aroclor 1242
A32-Aroclor 1242
A33-Aroclor 1242
A34-Aroclor 1242
A35-Aroclor 1242
A36-Aroclor 1242
A37-Aroclor 1242
A38-Aroclor 1242
A39-Aroclor 1242
A40-Aroclor 1242

Sex Hormone Levels (M)	Reproductive
Sex Hormone Levels (M)	Reproductive
Sex Hormone Levels (M)	Reproductive
Sexual Behavior (F)	Reproductive
Sexual behavior (F)	Reproductive
Liver Enzyme Induction	Hepatobiliary
Antibody Responses	Immune System
Alopecia	Dermal
HPA Hormones	Endocrine
HPA Hormones	Endocrine
HPT Hormones	Endocrine
HPT Hormones	Endocrine
HPT Hormones	Endocrine
HPT Hormones	Endocrine
HPT Hormones	Endocrine
HPT Hormones	Endocrine
HPT Hormones	Endocrine
Thyroid Histopathology	Endocrine
Thyroid Histopathology	Endocrine
Digestive System Complaints/Diseases	Gastrointestinal
Gastrointestinal Histopathology	Gastrointestinal
Red Blood Cells/Hemoglobin	Hematopoietic
Red Blood Cells/Hemoglobin	Hematopoietic
Red Blood Cells/Hemoglobin	Hematopoietic
Red Blood Cells/Hemoglobin	Hematopoietic
Red Blood Cells/Hemoglobin	Hematopoietic
Bile Acid Content/Excretion	Hepatobiliary
Cholesterol	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Liver Histopathology	Hepatobiliary
Liver Histopathology	Hepatobiliary
Liver Histopathology	Hepatobiliary
Liver Histopathology	Hepatobiliary
Liver Histopathology	Hepatobiliary

Aroclor 1221	Rat
Aroclor 1221	Rat
Aroclor 1221	Rat
Aroclor 1221	Rat
Aroclor 1221	Rat
Aroclor 1232	Rat
Aroclor 1232	Mouse
Aroclor 1242	Monkey
Aroclor 1242	Rat
Aroclor 1242	Rat
Aroclor 1242	Mink
Aroclor 1242	Rat
Aroclor 1242	Rat
Aroclor 1242	Rat
Aroclor 1242	Rat
Aroclor 1242	Rat
Aroclor 1242	Rat
Aroclor 1242	Rat
Aroclor 1242	Rat
Aroclor 1242	Rat
Aroclor 1242	Monkey
Aroclor 1242	Rat
Aroclor 1242	Rat
Aroclor 1242	Rat
Aroclor 1242	Rat
Aroclor 1242	Monkey
Aroclor 1242	Rat
Aroclor 1242	Rat
Aroclor 1242	Mink
Aroclor 1242	Mouse
Aroclor 1242	Rat
Aroclor 1242	Rat
Aroclor 1242	Rat
Aroclor 1242	Rat
Aroclor 1242	Rat
Aroclor 1242	Rat
Aroclor 1242	Rat
Aroclor 1242	Rat
Aroclor 1242	Rat
Aroclor 1242	Rat
Aroclor 1242	Rat
Aroclor 1242	Rat
Aroclor 1242	Mouse
Aroclor 1242	Mouse
Aroclor 1242	Mouse
Aroclor 1242	Mouse
Aroclor 1242	Rat

Developmental	N/A		10	16	18	N/A
Developmental	N/A		10	16	18	N/A
Developmental	N/A		10	16	20	N/A
Developmental	N/A		10	16	18	N/A
Developmental	N/A		10	14	32	N/A
Adult		1	N/A	N/A	N/A	N/A
Adult		1	N/A	N/A	N/A	N/A
Adult		183	N/A	N/A	N/A	N/A
Adult		70	N/A	N/A	N/A	N/A
Adult		70	N/A	N/A	N/A	N/A
Adult		147	N/A	N/A	N/A	N/A
Adult		30	N/A	N/A	N/A	N/A
Adult		30	N/A	N/A	N/A	N/A
Adult		5	N/A	N/A	N/A	N/A
Adult		7	N/A	N/A	N/A	N/A
Adult		202	N/A	N/A	N/A	N/A
Adult		7	N/A	N/A	N/A	N/A
Adult		30	N/A	N/A	N/A	N/A
Adult		5	N/A	N/A	N/A	N/A
Adult		1	N/A	N/A	N/A	N/A
Adult		70	N/A	N/A	N/A	N/A
Adult		730	N/A	N/A	N/A	N/A
Adult		21	N/A	N/A	N/A	N/A
Adult		60.8	N/A	N/A	N/A	N/A
Adult		70	N/A	N/A	N/A	N/A
Adult		12	N/A	N/A	N/A	N/A
Adult		7	N/A	N/A	N/A	N/A
Adult		730	N/A	N/A	N/A	N/A
Adult		147	N/A	N/A	N/A	N/A
Adult		1	N/A	N/A	N/A	N/A
Adult		1	N/A	N/A	N/A	N/A
Adult		21	N/A	N/A	N/A	N/A
Adult		1	N/A	N/A	N/A	N/A
Adult		28	N/A	N/A	N/A	N/A
Adult		60.8	N/A	N/A	N/A	N/A
Adult		7	N/A	N/A	N/A	N/A
Adult		30	N/A	N/A	N/A	N/A
Adult		5	N/A	N/A	N/A	N/A
Adult		7	N/A	N/A	N/A	N/A
Adult		1	N/A	N/A	N/A	N/A
Adult		7	N/A	N/A	N/A	N/A
Adult		21	N/A	N/A	N/A	N/A
Adult		49	N/A	N/A	N/A	N/A
Adult		48	N/A	N/A	N/A	N/A
Adult		182.5	N/A	N/A	N/A	N/A
Adult		46	N/A	N/A	N/A	N/A
Adult		730	N/A	N/A	N/A	N/A

N/A		15	37	2	0	0.67
N/A		21	295.75	2	0	0.67
N/A		21	123	2	0	0.6
N/A		21	72	2	0	0.67
N/A		28	82	2	0	14
N/A	N/A	N/A	N/A		0	40
N/A	N/A	N/A	N/A		0	450
N/A	N/A	N/A	N/A		0	0.12
N/A	N/A	N/A	N/A		0	0.0835
N/A	N/A	N/A	N/A		0	22.86
N/A	N/A	N/A	N/A		1	3.252
N/A	N/A	N/A	N/A		0	0.00046
N/A	N/A	N/A	N/A		0	0.0328
N/A	N/A	N/A	N/A		0	24
N/A	N/A	N/A	N/A		0	16
N/A	N/A	N/A	N/A		1	50
N/A	N/A	N/A	N/A		0	32
N/A	N/A	N/A	N/A		0	0.00046
N/A	N/A	N/A	N/A		0	24
N/A	N/A	N/A	N/A		0	2500
N/A	N/A	N/A	N/A		0	0.4
N/A	N/A	N/A	N/A		0	5.7
N/A	N/A	N/A	N/A		0	47.6
N/A	N/A	N/A	N/A		1	5
N/A	N/A	N/A	N/A		0	22.86
N/A	N/A	N/A	N/A		0	0.12
N/A	N/A	N/A	N/A		0	32
N/A	N/A	N/A	N/A		0	5.7
N/A	N/A	N/A	N/A		0	1
N/A	N/A	N/A	N/A		0	50
N/A	N/A	N/A	N/A		0	100
N/A	N/A	N/A	N/A		0	47.6
N/A	N/A	N/A	N/A		0	10
N/A	N/A	N/A	N/A		1	0.5
N/A	N/A	N/A	N/A		1	5
N/A	N/A	N/A	N/A		0	8
N/A	N/A	N/A	N/A		0	75
N/A	N/A	N/A	N/A		0	24
N/A	N/A	N/A	N/A		0	32
N/A	N/A	N/A	N/A		0	5
N/A	N/A	N/A	N/A		0	6
N/A	N/A	N/A	N/A		0	1
N/A	N/A	N/A	N/A		1	167
N/A	N/A	N/A	N/A		1	167
N/A	N/A	N/A	N/A		1	375
N/A	N/A	N/A	N/A		1	167
N/A	N/A	N/A	N/A		0	2

N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	18	0.9
N/A	168	0.9
N/A	22	0.9
N/A	22	0.9
N/A	52	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	168	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	168	0.9
N/A	22	0.9
N/A	22	0.9
N/A	52	0.9
N/A	18	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	18	0.9
N/A	18	0.9
N/A	18	0.9
N/A	18	0.9
N/A	22	0.9

Bruckner et al.	1973	201809
Bruckner et al.	1974	202798
Jonsson et al.	1975	1061281
Burse et al.	1974	1404880
Jonsson et al.	1981	1406435
Bruckner et al.	1974	2155504
Calandra	1976	2201050
Käkelä et al.	2002	1416764
Bruckner et al.	1973	201809
Litterst et al.	1972	202416
Bruckner et al.	1974	202798
Bitman and Harris	1972	831152
Burse et al.	1974	1404880
Bruckner et al.	1974	2155504
Cecil et al.	1973	2156654
Loose et al.	1977	63248
Loose et al.	1978	63249
Koller	1977	202385
Mayes et al.	1998	198857
Bruckner et al.	1973	201809
Bruckner et al.	1973	201809
Litterst et al.	1972	202416
Bruckner et al.	1974	202798
Bitman and Harris	1972	831152
Martin and Klaassen	2010	1294814
Nesković et al.	1984	1407759
Soontornchat et al.	1994	1411900
Martin et al.	2012	1510306
Cecil et al.	1973	2156654
Goldstein et al.	1975	2179842
Iverson et al.	1975	2179920
Calandra	1976	2201050
Käkelä et al.	2002	150645
Käkelä et al.	2002	1416764
Käkelä et al.	2003	1417774
Käkelä et al.	2003	1417898
Kakela et al.	1999	2200060
Bitman and Harris	1972	831152
Cecil et al.	1973	2156654
Bruckner et al.	1974	202798
Bruckner et al.	1974	2155504
Goldstein et al.	1975	2179842
Iverson et al.	1975	2179920
Mayes et al.	1998	198857
Bruckner et al.	1973	201809
Nesković et al.	1984	1407759
Loose et al.	1977	63248

A41-Aroclor 1242
A42-Aroclor 1242
A43-Aroclor 1242
A44-Aroclor 1242
A45-Aroclor 1242
A46-Aroclor 1242
A47-Aroclor 1242
A48-Aroclor 1242
A49-Aroclor 1242
A50-Aroclor 1242
A51-Aroclor 1242
A52-Aroclor 1242
A53-Aroclor 1242
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A56-Aroclor 1242
A57-Aroclor 1242
A58-Aroclor 1242
A59-Aroclor 1242
A60-Aroclor 1242
A61-Aroclor 1242
A62-Aroclor 1242
A63-Aroclor 1242
A64-Aroclor 1242
A65-Aroclor 1242
A66-Aroclor 1242
A67-Aroclor 1242
A68-Aroclor 1242
A69-Aroclor 1242
A70-Aroclor 1242
A71-Aroclor 1242
A72-Aroclor 1242
A73-Aroclor 1242
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A78-Aroclor 1242
A79-Aroclor 1242
A80-Aroclor 1242
A81-Aroclor 1242
A82-Aroclor 1242
A83-Aroclor 1242
A84-Aroclor 1242
A85-Aroclor 1242
A86-Aroclor 1242
A87-Aroclor 1242

Liver Histopathology	Hepatobiliary
Liver Histopathology	Hepatobiliary
Liver Histopathology	Hepatobiliary
Liver Histopathology	Hepatobiliary
Liver Histopathology	Hepatobiliary
Liver Histopathology	Hepatobiliary
Liver Histopathology	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Micronutrients	Hepatobiliary
Micronutrients	Hepatobiliary
Micronutrients	Hepatobiliary
Micronutrients	Hepatobiliary
Micronutrients	Hepatobiliary
Micronutrients	Hepatobiliary
Micronutrients	Hepatobiliary
Porphyrins	Hepatobiliary
Porphyrins	Hepatobiliary
Porphyrins	Hepatobiliary
Porphyrins	Hepatobiliary
Serum Biomarkers of Liver Health & Function	Hepatobiliary
Serum Biomarkers of Liver Health & Function	Hepatobiliary
Serum Biomarkers of Liver Health & Function	Hepatobiliary
Antibody Responses	Immune System

Aroclor 1242	Rat
Aroclor 1242	Rat
Aroclor 1242	Rat
Aroclor 1242	Rat
Aroclor 1242	Rat
Aroclor 1242	Rat
Aroclor 1242	Rat
Aroclor 1242	Mink
Aroclor 1242	Rat
Aroclor 1242	Rat
Aroclor 1242	Rat
Aroclor 1242	Rat
Aroclor 1242	Rat
Aroclor 1242	Rat
Aroclor 1242	Rat
Aroclor 1242	Rat
Aroclor 1242	Mouse
Aroclor 1242	Mouse
Aroclor 1242	Mouse
Aroclor 1242	Rat
Aroclor 1242	Rat
Aroclor 1242	Rat
Aroclor 1242	Rat
Aroclor 1242	Rat
Aroclor 1242	Rat
Aroclor 1242	Rat
Aroclor 1242	Rat
Aroclor 1242	Rat
Aroclor 1242	Rat
Aroclor 1242	Rat
Aroclor 1242	Rat
Aroclor 1242	Rat
Aroclor 1242	Rat
Aroclor 1242	Mink
Aroclor 1242	Mink
Aroclor 1242	Mink
Aroclor 1242	Mink
Aroclor 1242	Mink
Aroclor 1242	Rat
Aroclor 1242	Rat
Aroclor 1242	Rat
Aroclor 1242	Rat
Aroclor 1242	Rat
Aroclor 1242	Rat
Aroclor 1242	Rat
Aroclor 1242	Rat
Aroclor 1242	Rat
Aroclor 1242	Mouse

Adult	21	N/A	N/A	N/A	N/A
Adult	60.8	N/A	N/A	N/A	N/A
Adult	252	N/A	N/A	N/A	N/A
Adult	122	N/A	N/A	N/A	N/A
Adult	252	N/A	N/A	N/A	N/A
Adult	70	N/A	N/A	N/A	N/A
Adult	730	N/A	N/A	N/A	N/A
Adult	147	N/A	N/A	N/A	N/A
Adult	21	N/A	N/A	N/A	N/A
Adult	28	N/A	N/A	N/A	N/A
Adult	60.8	N/A	N/A	N/A	N/A
Adult	61	N/A	N/A	N/A	N/A
Adult	182.5	N/A	N/A	N/A	N/A
Adult	70	N/A	N/A	N/A	N/A
Adult	60.833	N/A	N/A	N/A	N/A
Adult	47	N/A	N/A	N/A	N/A
Adult	47	N/A	N/A	N/A	N/A
Adult	182.5	N/A	N/A	N/A	N/A
Adult	730	N/A	N/A	N/A	N/A
Adult	1	N/A	N/A	N/A	N/A
Adult	21	N/A	N/A	N/A	N/A
Adult	28	N/A	N/A	N/A	N/A
Adult	121.7	N/A	N/A	N/A	N/A
Adult	61	N/A	N/A	N/A	N/A
Adult	7	N/A	N/A	N/A	N/A
Adult	30	N/A	N/A	N/A	N/A
Adult	5	N/A	N/A	N/A	N/A
Adult	7	N/A	N/A	N/A	N/A
Adult	60.833	N/A	N/A	N/A	N/A
Adult	7	N/A	N/A	N/A	N/A
Adult	21	N/A	N/A	N/A	N/A
Adult	730	N/A	N/A	N/A	N/A
Adult	147	N/A	N/A	N/A	N/A
Adult	147	N/A	N/A	N/A	N/A
Adult	147	N/A	N/A	N/A	N/A
Adult	147	N/A	N/A	N/A	N/A
Adult	28	N/A	N/A	N/A	N/A
Adult	61	N/A	N/A	N/A	N/A
Adult	60.833	N/A	N/A	N/A	N/A
Adult	59.8	N/A	N/A	N/A	N/A
Adult	70	N/A	N/A	N/A	N/A
Adult	183	N/A	N/A	N/A	N/A
Adult	21	N/A	N/A	N/A	N/A
Adult	730	N/A	N/A	N/A	N/A
Adult	21	N/A	N/A	N/A	N/A
Adult	30	N/A	N/A	N/A	N/A
Adult	47	N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A	0	47.6
N/A	N/A	N/A	N/A	1	5
N/A	N/A	N/A	N/A	1	75
N/A	N/A	N/A	N/A	1	100
N/A	N/A	N/A	N/A	1	75
N/A	N/A	N/A	N/A	0	22.86
N/A	N/A	N/A	N/A	1	100
N/A	N/A	N/A	N/A	0	1
N/A	N/A	N/A	N/A	0	47.6
N/A	N/A	N/A	N/A	1	500
N/A	N/A	N/A	N/A	1	5
N/A	N/A	N/A	N/A	1	100
N/A	N/A	N/A	N/A	1	100
N/A	N/A	N/A	N/A	0	22.86
N/A	N/A	N/A	N/A	1	100
N/A	N/A	N/A	N/A	1	167
N/A	N/A	N/A	N/A	1	167
N/A	N/A	N/A	N/A	1	375
N/A	N/A	N/A	N/A	0	5.7
N/A	N/A	N/A	N/A	0	100
N/A	N/A	N/A	N/A	0	47.6
N/A	N/A	N/A	N/A	1	500
N/A	N/A	N/A	N/A	1	5
N/A	N/A	N/A	N/A	1	100
N/A	N/A	N/A	N/A	0	16
N/A	N/A	N/A	N/A	0	75
N/A	N/A	N/A	N/A	0	24
N/A	N/A	N/A	N/A	0	32
N/A	N/A	N/A	N/A	1	100
N/A	N/A	N/A	N/A	0	6
N/A	N/A	N/A	N/A	0	1
N/A	N/A	N/A	N/A	1	100
N/A	N/A	N/A	N/A	0	1
N/A	N/A	N/A	N/A	0	1
N/A	N/A	N/A	N/A	1	1
N/A	N/A	N/A	N/A	1	1
N/A	N/A	N/A	N/A	0	1
N/A	N/A	N/A	N/A	1	100
N/A	N/A	N/A	N/A	1	100
N/A	N/A	N/A	N/A	1	5
N/A	N/A	N/A	N/A	0	22.86
N/A	N/A	N/A	N/A	0	6
N/A	N/A	N/A	N/A	0	10
N/A	N/A	N/A	N/A	0	5.7
N/A	N/A	N/A	N/A	0	47.6
N/A	N/A	N/A	N/A	0	75
N/A	N/A	N/A	N/A	1	167

N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	52	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	18	0.9
N/A	18	0.9
N/A	18	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	52	0.9
N/A	52	0.9
N/A	52	0.9
N/A	52	0.9
N/A	52	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	18	0.9

Loose et al.	1978	63249
Davis and Safe	1989	202219
Harper et al.	1995	202317
Loose et al.	1979	202419
Loose et al.	1978	63249
Loose et al.	1978	63250
Loose et al.	1979	202419
Carter and Clancey	1980	2156512
Fielden et al.	2001	199745
Carter and Clancey	1980	2156512
Casey et al.	1999	199578
Casey et al.	1999	199578
Loose et al.	1977	63248
Loose et al.	1978	63249
Carter and Clancey	1980	2156512
Loose et al.	1977	63248
Loose et al.	1978	63249
Loose et al.	1979	202419
Loose et al.	1978	63249
Loose et al.	1978	63250
Loose et al.	1979	202419
Bruckner et al.	1973	201809
Bruckner et al.	1974	2155504
Becker et al.	1979	198634
Bruckner et al.	1974	2155504
Freeman et al.	2000	202272
Casey et al.	1999	199578
Casey et al.	1999	199578
Freeman et al.	2000	202272
Bruckner et al.	1973	201809
Becker et al.	1979	198634
Bruckner et al.	1973	201809
Becker et al.	1979	198634
Becker et al.	1979	198634
Green et al.	1975	201433
Bleavins et al.	1980	198635
Jonsson et al.	1975	1061281
Jonsson et al.	1975	1061281
Ahmad et al.	2003	1418554
Jansen et al.	1993	202349
Soontornchat et al.	1994	1411900
Goldstein et al.	1975	2179842
Ahmad et al.	2003	1418554
Byrne et al.	1988	198639
Jonsson et al.	1975	1061281
Ahmad et al.	2003	1418554
Jonsson et al.	1975	1061281

A88-Aroclor 1242
A89-Aroclor 1242
A90-Aroclor 1242
A91-Aroclor 1242
A92-Aroclor 1242
A93-Aroclor 1242
A94-Aroclor 1242
A95-Aroclor 1242
A96-Aroclor 1242
A97-Aroclor 1242
A98-Aroclor 1242
A99-Aroclor 1242
A100-Aroclor 1242
A101-Aroclor 1242
A102-Aroclor 1242
A103-Aroclor 1242
A104-Aroclor 1242
A105-Aroclor 1242
A106-Aroclor 1242
A107-Aroclor 1242
A108-Aroclor 1242
A109-Aroclor 1242
A110-Aroclor 1242
A111-Aroclor 1242
A112-Aroclor 1242
A113-Aroclor 1242
A114-Aroclor 1242
A115-Aroclor 1242
A116-Aroclor 1242
A117-Aroclor 1242
A118-Aroclor 1242
A119-Aroclor 1242
A121-Aroclor 1242
A122-Aroclor 1242
A123-Aroclor 1242
A124-Aroclor 1242
A125-Aroclor 1242
A126-Aroclor 1242
A127-Aroclor 1242
A128-Aroclor 1242
A129-Aroclor 1242
A130-Aroclor 1242
A131-Aroclor 1242
A132-Aroclor 1242
A133-Aroclor 1242
A134-Aroclor 1242
A135-Aroclor 1242

Antibody Responses	Immune System
Antibody Responses	Immune System
Antibody Responses	Immune System
Antibody Responses	Immune System
Endotoxin Sensitivity	Immune System
Endotoxin Sensitivity	Immune System
Endotoxin Sensitivity	Immune System
Ex Vivo WBC Function	Immune System
Immune Organ Histopathology	Immune System
Immune Organ Histopathology	Immune System
Immune Organ Histopathology	Immune System
Immune Organ Histopathology	Immune System
Immune Organ Size/Weight	Immune System
Immune Organ Size/Weight	Immune System
Immune Organ Size/Weight	Immune System
Immunoglobulin Levels - Nonspecific	Immune System
Immunoglobulin Levels - Nonspecific	Immune System
Immunoglobulin Levels - Nonspecific	Immune System
Susceptibility to Infection	Immune System
Susceptibility to Infection	Immune System
Susceptibility to Infection	Immune System
White Blood Cell (WBC) Counts	Immune System
White Blood Cell (WBC) Counts	Immune System
White Blood Cell (WBC) Counts	Immune System
Blood/Urinary Glucose	Metabolic
Body Temperature/Metabolic Rate	Metabolic
Emotional state/affective behavior	Nervous System
Emotional state/affective behavior	Nervous System
Motor Function/Development	Nervous System
Neurological Symptoms	Nervous System
Neurological Symptoms	Nervous System
Neurotransmitter levels	Nervous System
Ocular Irritation	Ocular
Periorbital Edema	Ocular
Male fertility	Reproductive
Pregnancy/conception rate	Reproductive
Pregnancy/conception rate	Reproductive
Reproductive Organ Histopathology (F)	Reproductive
Reproductive Organ Histopathology (M)	Reproductive
Reproductive Organ Size/Weight (F)	Reproductive
Reproductive Organ Size/Weight (F)	Reproductive
Reproductive Organ Size/Weight (F)	Reproductive
Reproductive Organ Size/Weight (M)	Reproductive
Sex Hormone Levels (F)	Reproductive
Sex Hormone Levels (F)	Reproductive
Sex Hormone Levels (M)	Reproductive
Sexual Behavior (F)	Reproductive

Aroclor 1242	Mouse
Aroclor 1242	Mouse
Aroclor 1242	Mouse
Aroclor 1242	Mouse
Aroclor 1242	Mouse
Aroclor 1242	Mouse
Aroclor 1242	Mouse
Aroclor 1242	Mouse
Aroclor 1242	Mouse
Aroclor 1242	Mouse
Aroclor 1242	Rat
Aroclor 1242	Rat
Aroclor 1242	Mouse
Aroclor 1242	Mouse
Aroclor 1242	Mouse
Aroclor 1242	Mouse
Aroclor 1242	Mouse
Aroclor 1242	Mouse
Aroclor 1242	Mouse
Aroclor 1242	Mouse
Aroclor 1242	Mouse
Aroclor 1242	Rat
Aroclor 1242	Rat
Aroclor 1242	Monkey
Aroclor 1242	Rat
Aroclor 1242	Rat
Aroclor 1242	Rat
Aroclor 1242	Rat
Aroclor 1242	Rat
Aroclor 1242	Monkey
Aroclor 1242	Rat
Aroclor 1242	Monkey
Aroclor 1242	Monkey
Aroclor 1242	Rat
Aroclor 1242	Mink
Aroclor 1242	Rat
Aroclor 1242	Rat
Aroclor 1242	Monkey
Aroclor 1242	Rat
Aroclor 1242	Rat
Aroclor 1242	Rat
Aroclor 1242	Monkey
Aroclor 1242	Rat
Aroclor 1242	Rat
Aroclor 1242	Monkey
Aroclor 1242	Rat

Adult	47	N/A	N/A	N/A	N/A
Adult	1	N/A	N/A	N/A	N/A
Adult	1	N/A	N/A	N/A	N/A
Adult	47	N/A	N/A	N/A	N/A
Adult	21	N/A	N/A	N/A	N/A
Adult	42	N/A	N/A	N/A	N/A
Adult	42	N/A	N/A	N/A	N/A
Adult	1	N/A	N/A	N/A	N/A
Adult	63	N/A	N/A	N/A	N/A
Adult	1	N/A	N/A	N/A	N/A
Adult	30	N/A	N/A	N/A	N/A
Adult	30	N/A	N/A	N/A	N/A
Adult	46	N/A	N/A	N/A	N/A
Adult	46	N/A	N/A	N/A	N/A
Adult	1	N/A	N/A	N/A	N/A
Adult	46	N/A	N/A	N/A	N/A
Adult	46	N/A	N/A	N/A	N/A
Adult	46	N/A	N/A	N/A	N/A
Adult	25	N/A	N/A	N/A	N/A
Adult	21	N/A	N/A	N/A	N/A
Adult	21	N/A	N/A	N/A	N/A
Adult	1	N/A	N/A	N/A	N/A
Adult	70	N/A	N/A	N/A	N/A
Adult	12	N/A	N/A	N/A	N/A
Adult	70	N/A	N/A	N/A	N/A
Adult	91	N/A	N/A	N/A	N/A
Adult	30	N/A	N/A	N/A	N/A
Adult	30	N/A	N/A	N/A	N/A
Adult	91	N/A	N/A	N/A	N/A
Adult	1	N/A	N/A	N/A	N/A
Adult	244	N/A	N/A	N/A	N/A
Adult	1	N/A	N/A	N/A	N/A
Adult	183	N/A	N/A	N/A	N/A
Adult	183	N/A	N/A	N/A	N/A
Adult	5	N/A	N/A	N/A	N/A
Adult	120	N/A	N/A	N/A	N/A
Adult	252	N/A	N/A	N/A	N/A
Adult	252	N/A	N/A	N/A	N/A
Adult	183	N/A	N/A	N/A	N/A
Adult	2	N/A	N/A	N/A	N/A
Adult	5	N/A	N/A	N/A	N/A
Adult	7	N/A	N/A	N/A	N/A
Adult	183	N/A	N/A	N/A	N/A
Adult	70	N/A	N/A	N/A	N/A
Adult	252	N/A	N/A	N/A	N/A
Adult	183	N/A	N/A	N/A	N/A
Adult	252	N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A	1	167
N/A	N/A	N/A	N/A	0	450
N/A	N/A	N/A	N/A	0	100
N/A	N/A	N/A	N/A	1	167
N/A	N/A	N/A	N/A	1	5
N/A	N/A	N/A	N/A	1	167
N/A	N/A	N/A	N/A	1	167
N/A	N/A	N/A	N/A	0	1000
N/A	N/A	N/A	N/A	0	12.5
N/A	N/A	N/A	N/A	0	1000
N/A	N/A	N/A	N/A	0	0.00046
N/A	N/A	N/A	N/A	0	0.0328
N/A	N/A	N/A	N/A	1	167
N/A	N/A	N/A	N/A	1	167
N/A	N/A	N/A	N/A	0	1000
N/A	N/A	N/A	N/A	1	167
N/A	N/A	N/A	N/A	1	167
N/A	N/A	N/A	N/A	1	167
N/A	N/A	N/A	N/A	1	167
N/A	N/A	N/A	N/A	1	167
N/A	N/A	N/A	N/A	1	167
N/A	N/A	N/A	N/A	0	4000
N/A	N/A	N/A	N/A	0	22.86
N/A	N/A	N/A	N/A	0	0.12
N/A	N/A	N/A	N/A	0	22.86
N/A	N/A	N/A	N/A	0	2.6
N/A	N/A	N/A	N/A	0	0.00046
N/A	N/A	N/A	N/A	0	0.0328
N/A	N/A	N/A	N/A	0	2.6
N/A	N/A	N/A	N/A	0	2500
N/A	N/A	N/A	N/A	0	0.12
N/A	N/A	N/A	N/A	0	2500
N/A	N/A	N/A	N/A	0	0.12
N/A	N/A	N/A	N/A	0	0.12
N/A	N/A	N/A	N/A	0	250
N/A	N/A	N/A	N/A	1	5
N/A	N/A	N/A	N/A	1	150
N/A	N/A	N/A	N/A	1	150
N/A	N/A	N/A	N/A	0	0.2
N/A	N/A	N/A	N/A	0	1.43
N/A	N/A	N/A	N/A	0	24
N/A	N/A	N/A	N/A	0	6
N/A	N/A	N/A	N/A	0	0.2
N/A	N/A	N/A	N/A	0	0.0835
N/A	N/A	N/A	N/A	1	75
N/A	N/A	N/A	N/A	0	0.2
N/A	N/A	N/A	N/A	1	150

N/A	18	0.9
N/A	18	0.9
N/A	18	0.9
N/A	18	0.9
N/A	18	0.9
N/A	18	0.9
N/A	18	0.9
N/A	18	0.9
N/A	18	0.9
N/A	18	0.9
N/A	22	0.9
N/A	22	0.9
N/A	18	0.9
N/A	18	0.9
N/A	18	0.9
N/A	18	0.9
N/A	18	0.9
N/A	18	0.9
N/A	18	0.9
N/A	18	0.9
N/A	18	0.9
N/A	22	0.9
N/A	22	0.9
N/A	168	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	168	0.9
N/A	22	0.9
N/A	168	0.9
N/A	168	0.9
N/A	22	0.9
N/A	52	0.9
N/A	22	0.9
N/A	22	0.9
N/A	168	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	168	0.9
N/A	22	0.9
N/A	22	0.9
N/A	168	0.9
N/A	22	0.9

Ahmad et al.	2003	1418554
Loose et al.	1977	63248
Loose et al.	1978	63249
Bruckner et al.	1973	201809
Bruckner et al.	1974	202798
Bruckner et al.	1974	2155504
Bruckner et al.	1973	201809
Bruckner et al.	1974	2155504
Casey et al.	1999	199578
Casey et al.	1999	199578
Bruckner et al.	1973	201809
Bleavins et al.	1980	198635
Jonsson et al.	1975	1061281
Fielden et al.	2001	199745
Käkelä et al.	2002	1416764
Cooke et al.	1996	202207
Cooke et al.	1996	202207
Kim et al.	2001	2165827
Kim	2001	2166250
Arena et al.	2003	595089
Fielden et al.	2001	199745
Kim et al.	2001	2165827
Kim et al.	2001	2165827
Kim	2001	2166250
Cooke et al.	1996	202207
Kim et al.	2001	2165827
Kim et al.	2001	2165827
Kim	2001	2166250
Kim et al.	2001	2165827
Kim et al.	2001	2165827
Fielden et al.	2001	199745
Cooke et al.	1996	202207
Kim	2001	2166250
Allen et al.	1973	201751
Kiriyama et al.	1974	1001202
Barsotti et al.	1976	198636
Thomas and Hinsdill	1978	199679
Allen and Norback	1973	201382
Allen et al.	1973	201751
Allen et al.	1974	201754
Tryphonas et al.	1984	198632
Barsotti et al.	1976	198636
Thomas and Hinsdill	1978	199679
Allen and Norback	1973	201382
Allen et al.	1973	201751
Allen et al.	1980	201752
Allen et al.	1974	201754

A136-Aroclor 1242
A137-Aroclor 1242
A138-Aroclor 1242
A139-Aroclor 1242
A140-Aroclor 1242
A141-Aroclor 1242
A142-Aroclor 1242
A143-Aroclor 1242
A144-Aroclor 1242
A145-Aroclor 1242
A146-Aroclor 1242
D1-Aroclor 1242
D2-Aroclor 1242
D3-Aroclor 1242
D4-Aroclor 1242
D5-Aroclor 1242
D6-Aroclor 1242
D7-Aroclor 1242
D8-Aroclor 1242
D9-Aroclor 1242
D10-Aroclor 1242
D11-Aroclor 1242
D12-Aroclor 1242
D13-Aroclor 1242
D14-Aroclor 1242
D15-Aroclor 1242
D16-Aroclor 1242
D17-Aroclor 1242
D18-Aroclor 1242
D19-Aroclor 1242
D20-Aroclor 1242
D21-Aroclor 1242
D22-Aroclor 1242
A1-Aroclor 1248
A2-Aroclor 1248
A3-Aroclor 1248
A4-Aroclor 1248
A5-Aroclor 1248
A6-Aroclor 1248
A7-Aroclor 1248
A8-Aroclor 1248
A9-Aroclor 1248
A10-Aroclor 1248
A11-Aroclor 1248
A12-Aroclor 1248
A13-Aroclor 1248
A14-Aroclor 1248

Sperm/semen parameters	Reproductive
Lung Weight	Respiratory
Lung Weight	Respiratory
Kidney Histopathology	Urinary System
Kidney Histopathology	Urinary System
Kidney Histopathology	Urinary System
Urinalysis	Urinary System
Urinalysis	Urinary System
Urinary Bladder Histopathology	Urinary System
Urinary Bladder Histopathology	Urinary System
Urine Output	Urinary System
Offspring mortality	Developmental
Offspring Mortality	Developmental
Sex Ratio	Reproductive
Weight and Size (Early Life)	Developmental
Weight and Size (Early Life)	Developmental
HPT Hormones	Endocrine
HPT Hormones	Endocrine
HPT Hormones	Endocrine
Liver enzyme induction	Hepatobiliary
Immune Organ Histopathology	Immune System
Reproductive Organ Histopathology (M)	Reproductive
Reproductive Organ Histopathology (M)	Reproductive
Reproductive Organ Histopathology (M)	Reproductive
Reproductive Organ Size/Weight (M)	Reproductive
Reproductive Organ Size/Weight (M)	Reproductive
Reproductive Organ Size/Weight (M)	Reproductive
Reproductive Organ Size/Weight (M)	Reproductive
Sex Hormone Levels (M)	Reproductive
Sex Hormone Levels (M)	Reproductive
Sperm/semen parameters	Reproductive
Sperm/semen parameters	Reproductive
Sperm/semen parameters	Reproductive
Cardiovascular Histopathology	Cardiovascular
Heart Size/Weight	Cardiovascular
Acne/Chloracne	Dermal
Acne/Chloracne	Dermal
Acne/Chloracne	Dermal
Acne/Chloracne	Dermal
Acne/Chloracne	Dermal
Alopecia	Dermal
Alopecia	Dermal
Alopecia	Dermal
Alopecia	Dermal
Alopecia	Dermal
Alopecia	Dermal
Alopecia	Dermal

Aroclor 1242	Monkey
Aroclor 1242	Mouse
Aroclor 1242	Mouse
Aroclor 1242	Rat
Aroclor 1242	Rat
Aroclor 1242	Rat
Aroclor 1242	Rat
Aroclor 1242	Rat
Aroclor 1242	Rat
Aroclor 1242	Rat
Aroclor 1242	Rat
Aroclor 1242	Mink
Aroclor 1242	Rat
Aroclor 1242	Mouse
Aroclor 1242	Mink
Aroclor 1242	Rat
Aroclor 1242	Rat
Aroclor 1242	Rat
Aroclor 1242	Rat
Aroclor 1242	Mouse
Aroclor 1242	Mouse
Aroclor 1242	Rat
Aroclor 1242	Rat
Aroclor 1242	Rat
Aroclor 1242	Rat
Aroclor 1242	Rat
Aroclor 1242	Rat
Aroclor 1242	Rat
Aroclor 1242	Rat
Aroclor 1242	Rat
Aroclor 1242	Mouse
Aroclor 1242	Rat
Aroclor 1242	Rat
Aroclor 1248	Monkey
Aroclor 1248	Rat
Aroclor 1248	Monkey
Aroclor 1248	Monkey
Aroclor 1248	Monkey
Aroclor 1248	Monkey
Aroclor 1248	Monkey
Aroclor 1248	Monkey
Aroclor 1248	Monkey
Aroclor 1248	Monkey
Aroclor 1248	Monkey
Aroclor 1248	Monkey
Aroclor 1248	Monkey

Adult		183	N/A	N/A	N/A	N/A	
Adult		53	N/A	N/A	N/A	N/A	
Adult		53	N/A	N/A	N/A	N/A	
Adult		21	N/A	N/A	N/A	N/A	
Adult		121.7	N/A	N/A	N/A	N/A	
Adult		70	N/A	N/A	N/A	N/A	
Adult		1	N/A	N/A	N/A	N/A	
Adult		70	N/A	N/A	N/A	N/A	
Adult		30	N/A	N/A	N/A	N/A	
Adult		30	N/A	N/A	N/A	N/A	
Adult		1	N/A	N/A	N/A	N/A	
Developmental	N/A			5	-120	52	N/A
Developmental	N/A			4	-252	0	N/A
Developmental	N/A			6	-14	39	N/A
Developmental	N/A			5	-147	-1	N/A
Developmental	N/A						23
Developmental	N/A						23
Developmental	N/A			4	22	43	N/A
Developmental	N/A			7	22	43	N/A
Developmental	N/A			7.5	-16	-2	N/A
Developmental	N/A			6	-14	39	N/A
Developmental	N/A			4	22	43	N/A
Developmental	N/A			4	22	43	N/A
Developmental	N/A			7	22	43	N/A
Developmental	N/A						23
Developmental	N/A			4	22	43	N/A
Developmental	N/A			4	22	43	N/A
Developmental	N/A			7	22	43	N/A
Developmental	N/A			4	22	43	N/A
Developmental	N/A			4	22	43	N/A
Developmental	N/A			8	-14	39	N/A
Developmental	N/A						23
Developmental	N/A			7	22	43	N/A
Adult		84	N/A	N/A	N/A	N/A	
Adult		14	N/A	N/A	N/A	N/A	
Adult		61	N/A	N/A	N/A	N/A	
Adult		182.5	N/A	N/A	N/A	N/A	
Adult		91	N/A	N/A	N/A	N/A	
Adult		84	N/A	N/A	N/A	N/A	
Adult		42	N/A	N/A	N/A	N/A	
Adult		122	N/A	N/A	N/A	N/A	
Adult		61	N/A	N/A	N/A	N/A	
Adult		182.5	N/A	N/A	N/A	N/A	
Adult		30	N/A	N/A	N/A	N/A	
Adult		30	N/A	N/A	N/A	N/A	
Adult		441.76	N/A	N/A	N/A	N/A	
Adult		42	N/A	N/A	N/A	N/A	

N/A	N/A	N/A	N/A		0	0.2
N/A	N/A	N/A	N/A		1	167
N/A	N/A	N/A	N/A		1	167
N/A	N/A	N/A	N/A		0	47.6
N/A	N/A	N/A	N/A		1	25
N/A	N/A	N/A	N/A		0	22.86
N/A	N/A	N/A	N/A		0	4000
N/A	N/A	N/A	N/A		0	22.86
N/A	N/A	N/A	N/A		0	0.00046
N/A	N/A	N/A	N/A		0	0.0328
N/A	N/A	N/A	N/A		0	6000
N/A		0	52	3	1	5
N/A		0	22	3	1	150
N/A		21	39	2	0	50
N/A		10	62	2	0	1
	47		157	4	0	N/A
	47		47	4	0	N/A
N/A		21	112	4	0	0.229
N/A		21	43	4	0	2.3
N/A		21	46	2	0	21.4
N/A		21	130	2	0	50
N/A		21	112	4	0	0.0229
N/A		21	112	4	0	0.0653
N/A		21	112	4	0	2.3
	47		157	4	0	N/A
N/A		21	112	4	0	0.229
N/A		21	112	4	0	0.0653
N/A		21	112	4	0	2.3
N/A		21	112	4	0	0.0229
N/A		21	112	4	0	0.0653
N/A		21	130	2	0	5
	47		157	4	0	N/A
N/A		21	112	4	0	2.3
N/A	N/A	N/A	N/A		1	300
N/A	N/A	N/A	N/A		1	2000
N/A	N/A	N/A	N/A		1	2.5
N/A	N/A	N/A	N/A		1	2.5
N/A	N/A	N/A	N/A		1	300
N/A	N/A	N/A	N/A		1	300
N/A	N/A	N/A	N/A		0	0.78125
N/A	N/A	N/A	N/A		0	2
N/A	N/A	N/A	N/A		1	2.5
N/A	N/A	N/A	N/A		1	5
N/A	N/A	N/A	N/A		1	300
N/A	N/A	N/A	N/A		1	300
N/A	N/A	N/A	N/A		1	2.5
N/A	N/A	N/A	N/A		0	0.78125

N/A		168	0.9
N/A		18	0.9
N/A		18	0.9
N/A		22	0.9
N/A		22	0.9
N/A		22	0.9
N/A		22	0.9
N/A		22	0.9
N/A		22	0.9
N/A		22	0.9
N/A		22	0.9
N/A		52	0.9
N/A		22	0.9
N/A		18	0.9
N/A		52	0.9
	80	22	0.9
	10	22	0.9
N/A		22	0.9
N/A		22	0.9
N/A		18	0.9
N/A		18	0.9
N/A		22	0.9
N/A		22	0.9
N/A		22	0.9
	40	22	0.9
N/A		22	0.9
N/A		22	0.9
N/A		22	0.9
N/A		22	0.9
N/A		22	0.9
N/A		18	0.9
	40	22	0.9
N/A		22	0.9
N/A		168	0.9
N/A		22	0.9
N/A		168	0.9
N/A		168	0.9
N/A		168	0.9
N/A		168	0.9
N/A		168	0.9
N/A		168	0.9
N/A		168	0.9
N/A		168	0.9
N/A		168	0.9
N/A		168	0.9
N/A		168	0.9
N/A		168	0.9

Barsotti et al.	1976	198636
Allen et al.	1973	201751
Allen et al.	1974	201754
Allen et al.	1974	201754
Tryphonas et al.	1984	198632
Allen et al.	1974	201754
Tryphonas et al.	1984	198632
Barsotti et al.	1976	198636
Thomas and Hinsdill	1978	199679
Allen and Norback	1973	201382
Allen et al.	1973	201751
Allen et al.	1974	201754
Kato et al.	1982	202362
Tryphonas et al.	1984	198632
Allen et al.	1974	201755
Allen et al.	1974	201754
Allen et al.	1974	201755
Tryphonas et al.	1984	198632
Allen and Norback	1973	201382
Allen et al.	1973	201751
Allen et al.	1974	201754
Allen et al.	1974	201755
Tryphonas et al.	1984	198632
Allen et al.	1973	201751
Allen et al.	1974	201754
Tryphonas et al.	1984	198632
Tryphonas et al.	1984	198632
Allen and Abrahamson	1973	201750
Allen et al.	1973	201751
Allen et al.	1974	201754
Allen et al.	1974	201755
Nagaoka et al.	1990	1410073
Oda et al.	1989	2173181
Kato et al.	1982	202361
Oda and Yoshida	1994	202467
Nagaoka et al.	1986	1408484
Oda et al.	1987	1408825
Oda et al.	1990	1410008
Nagaoka et al.	1990	1410073
Mochizuki et al.	1998	2168260
Quazi et al.	1983	2176364
Oda et al.	1994	2179169
Quazi	1985	2181705
Quazi et al.	1983	2198120
Quazi et al.	1984	2198216
Barsotti et al.	1976	198636
Allen et al.	1974	201754

A15-Aroclor 1248
A16-Aroclor 1248
A17-Aroclor 1248
A18-Aroclor 1248
A19-Aroclor 1248
A20-Aroclor 1248
A21-Aroclor 1248
A22-Aroclor 1248
A23-Aroclor 1248
A24-Aroclor 1248
A25-Aroclor 1248
A26-Aroclor 1248
A27-Aroclor 1248
A28-Aroclor 1248
A29-Aroclor 1248
A30-Aroclor 1248
A31-Aroclor 1248
A32-Aroclor 1248
A33-Aroclor 1248
A34-Aroclor 1248
A35-Aroclor 1248
A36-Aroclor 1248
A37-Aroclor 1248
A38-Aroclor 1248
A39-Aroclor 1248
A40-Aroclor 1248
A41-Aroclor 1248
A42-Aroclor 1248
A43-Aroclor 1248
A44-Aroclor 1248
A45-Aroclor 1248
A46-Aroclor 1248
A47-Aroclor 1248
A48-Aroclor 1248
A49-Aroclor 1248
A50-Aroclor 1248
A51-Aroclor 1248
A52-Aroclor 1248
A53-Aroclor 1248
A54-Aroclor 1248
A55-Aroclor 1248
A56-Aroclor 1248
A57-Aroclor 1248
A58-Aroclor 1248
A59-Aroclor 1248
A60-Aroclor 1248
A61-Aroclor 1248

Dermal Histopathology	Dermal
Dermal Histopathology	Dermal
Dermal Histopathology	Dermal
Dermal Irritation	Dermal
Finger/Toenail Deformity	Dermal
Hyperkeratosis	Dermal
Subcutaneous Edema	Dermal
Subcutaneous Edema	Dermal
Subcutaneous Edema	Dermal
Subcutaneous Edema	Dermal
Subcutaneous Edema	Dermal
Subcutaneous Edema	Dermal
HPA Hormones	Endocrine
Thyroid Histopathology	Endocrine
Digestive System Complaints/Diseases	Gastrointestinal
Gastric Ulcer	Gastrointestinal
Gastric Ulcer	Gastrointestinal
Gastrointestinal Histopathology	Gastrointestinal
Gastrointestinal Histopathology	Gastrointestinal
Gastrointestinal Histopathology	Gastrointestinal
Gastrointestinal Histopathology	Gastrointestinal
Gastrointestinal Histopathology	Gastrointestinal
Bone Marrow Histopathology	Hematopoietic
Bone Marrow Histopathology	Hematopoietic
Bone Marrow Histopathology	Hematopoietic
Platelets	Hematopoietic
Red Blood Cells/Hemoglobin	Hematopoietic
Red Blood Cells/Hemoglobin	Hematopoietic
Red Blood Cells/Hemoglobin	Hematopoietic
Red Blood Cells/Hemoglobin	Hematopoietic
Red Blood Cells/Hemoglobin	Hematopoietic
Bile Acid Content/Excretion	Hepatobiliary
Bile Acid Content/Excretion	Hepatobiliary
Blood Triglycerides	Hepatobiliary
Blood Triglycerides	Hepatobiliary
Blood Triglycerides	Hepatobiliary
Blood Triglycerides	Hepatobiliary
Blood Triglycerides	Hepatobiliary
Blood Triglycerides	Hepatobiliary
Blood Triglycerides	Hepatobiliary
Blood Triglycerides	Hepatobiliary
Blood Triglycerides	Hepatobiliary
Blood Triglycerides	Hepatobiliary
Blood Triglycerides	Hepatobiliary
Blood Triglycerides	Hepatobiliary
Blood Triglycerides	Hepatobiliary

Aroclor 1248	Monkey
Aroclor 1248	Monkey
Aroclor 1248	Monkey
Aroclor 1248	Monkey
Aroclor 1248	Monkey
Aroclor 1248	Monkey
Aroclor 1248	Monkey
Aroclor 1248	Monkey
Aroclor 1248	Monkey
Aroclor 1248	Monkey
Aroclor 1248	Monkey
Aroclor 1248	Monkey
Aroclor 1248	Rat
Aroclor 1248	Monkey
Aroclor 1248	Monkey
Aroclor 1248	Monkey
Aroclor 1248	Monkey
Aroclor 1248	Monkey
Aroclor 1248	Monkey
Aroclor 1248	Monkey
Aroclor 1248	Monkey
Aroclor 1248	Monkey
Aroclor 1248	Monkey
Aroclor 1248	Monkey
Aroclor 1248	Monkey
Aroclor 1248	Monkey
Aroclor 1248	Monkey
Aroclor 1248	Monkey
Aroclor 1248	Monkey
Aroclor 1248	Rat
Aroclor 1248	Monkey
Aroclor 1248	Monkey
Aroclor 1248	Monkey
Aroclor 1248	Rat
Aroclor 1248	Rat
Aroclor 1248	Rat
Aroclor 1248	Rat
Aroclor 1248	Rat
Aroclor 1248	Rat
Aroclor 1248	Rat
Aroclor 1248	Rat
Aroclor 1248	Rat
Aroclor 1248	Rat
Aroclor 1248	Rat
Aroclor 1248	Rat
Aroclor 1248	Rat
Aroclor 1248	Rat
Aroclor 1248	Monkey
Aroclor 1248	Monkey

Adult	182.5	N/A	N/A	N/A	N/A
Adult	84	N/A	N/A	N/A	N/A
Adult	61	N/A	N/A	N/A	N/A
Adult	61	N/A	N/A	N/A	N/A
Adult	32	N/A	N/A	N/A	N/A
Adult	61	N/A	N/A	N/A	N/A
Adult	77	N/A	N/A	N/A	N/A
Adult	173	N/A	N/A	N/A	N/A
Adult	182.5	N/A	N/A	N/A	N/A
Adult	91	N/A	N/A	N/A	N/A
Adult	84	N/A	N/A	N/A	N/A
Adult	61	N/A	N/A	N/A	N/A
Adult	20	N/A	N/A	N/A	N/A
Adult	58	N/A	N/A	N/A	N/A
Adult	1	N/A	N/A	N/A	N/A
Adult	61	N/A	N/A	N/A	N/A
Adult	1	N/A	N/A	N/A	N/A
Adult	58	N/A	N/A	N/A	N/A
Adult	91	N/A	N/A	N/A	N/A
Adult	84	N/A	N/A	N/A	N/A
Adult	61	N/A	N/A	N/A	N/A
Adult	1	N/A	N/A	N/A	N/A
Adult	95	N/A	N/A	N/A	N/A
Adult	84	N/A	N/A	N/A	N/A
Adult	61	N/A	N/A	N/A	N/A
Adult	164	N/A	N/A	N/A	N/A
Adult	95	N/A	N/A	N/A	N/A
Adult	28	N/A	N/A	N/A	N/A
Adult	84	N/A	N/A	N/A	N/A
Adult	61	N/A	N/A	N/A	N/A
Adult	1	N/A	N/A	N/A	N/A
Adult	14	N/A	N/A	N/A	N/A
Adult	7	N/A	N/A	N/A	N/A
Adult	12	N/A	N/A	N/A	N/A
Adult	7	N/A	N/A	N/A	N/A
Adult	28	N/A	N/A	N/A	N/A
Adult	236	N/A	N/A	N/A	N/A
Adult	91	N/A	N/A	N/A	N/A
Adult	14	N/A	N/A	N/A	N/A
Adult	10	N/A	N/A	N/A	N/A
Adult	21	N/A	N/A	N/A	N/A
Adult	3	N/A	N/A	N/A	N/A
Adult	21	N/A	N/A	N/A	N/A
Adult	5	N/A	N/A	N/A	N/A
Adult	14	N/A	N/A	N/A	N/A
Adult	243	N/A	N/A	N/A	N/A
Adult	61	N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A	1	2.5
N/A	N/A	N/A	N/A	1	300
N/A	N/A	N/A	N/A	0	1.339
N/A	N/A	N/A	N/A	0	0.78125
N/A	N/A	N/A	N/A	0	2
N/A	N/A	N/A	N/A	0	1.339
N/A	N/A	N/A	N/A	0	2
N/A	N/A	N/A	N/A	1	2.5
N/A	N/A	N/A	N/A	1	2.5
N/A	N/A	N/A	N/A	1	300
N/A	N/A	N/A	N/A	1	300
N/A	N/A	N/A	N/A	0	1.339
N/A	N/A	N/A	N/A	1	300
N/A	N/A	N/A	N/A	0	2
N/A	N/A	N/A	N/A	0	1500
N/A	N/A	N/A	N/A	0	1.339
N/A	N/A	N/A	N/A	0	1500
N/A	N/A	N/A	N/A	0	2
N/A	N/A	N/A	N/A	1	300
N/A	N/A	N/A	N/A	1	300
N/A	N/A	N/A	N/A	0	1.339
N/A	N/A	N/A	N/A	0	1500
N/A	N/A	N/A	N/A	0	2
N/A	N/A	N/A	N/A	1	300
N/A	N/A	N/A	N/A	0	1.339
N/A	N/A	N/A	N/A	0	2
N/A	N/A	N/A	N/A	0	2
N/A	N/A	N/A	N/A	1	1000
N/A	N/A	N/A	N/A	1	300
N/A	N/A	N/A	N/A	0	1.339
N/A	N/A	N/A	N/A	0	1500
N/A	N/A	N/A	N/A	1	300
N/A	N/A	N/A	N/A	1	300
N/A	N/A	N/A	N/A	1	100
N/A	N/A	N/A	N/A	1	300
N/A	N/A	N/A	N/A	0	28.41
N/A	N/A	N/A	N/A	1	100
N/A	N/A	N/A	N/A	1	300
N/A	N/A	N/A	N/A	1	300
N/A	N/A	N/A	N/A	1	200
N/A	N/A	N/A	N/A	1	300
N/A	N/A	N/A	N/A	1	300
N/A	N/A	N/A	N/A	0	27.5
N/A	N/A	N/A	N/A	1	300
N/A	N/A	N/A	N/A	1	300
N/A	N/A	N/A	N/A	1	2.5
N/A	N/A	N/A	N/A	0	1.339

N/A	168	0.9
N/A	168	0.9
N/A	168	0.9
N/A	168	0.9
N/A	168	0.9
N/A	168	0.9
N/A	168	0.9
N/A	168	0.9
N/A	168	0.9
N/A	168	0.9
N/A	168	0.9
N/A	168	0.9
N/A	22	0.9
N/A	168	0.9
N/A	168	0.9
N/A	168	0.9
N/A	168	0.9
N/A	168	0.9
N/A	168	0.9
N/A	168	0.9
N/A	168	0.9
N/A	168	0.9
N/A	168	0.9
N/A	168	0.9
N/A	168	0.9
N/A	168	0.9
N/A	168	0.9
N/A	22	0.9
N/A	168	0.9
N/A	168	0.9
N/A	168	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	168	0.9
N/A	168	0.9

Allen and Abrahamson	1973	201750
Kato et al.	1982	202361
Kato et al.	1982	202362
Oda and Yoshida	1994	202467
Kato and Yoshida	1980	399336
Quazi et al.	1984	594394
Kiriyama et al.	1974	1001202
Allen et al.	1975	1405015
Tani et al.	1980	1406111
Nagaoka et al.	1986	1408484
Oda et al.	1986	1408492
Oda et al.	1987	1408825
Oda et al.	1990	1410008
Nagaoka et al.	1990	1410073
Hitomi and Yoshida	1989	2166445
Horio et al.	1987	2166872
Horio et al.	1989	2166875
Mochizuki et al.	1998	2168260
Kato et al.	1978	2169479
Kato et al.	1980	2169480
Oda et al.	1991	2172265
Oda et al.	1989	2173181
Quazi et al.	1983	2176364
Oda et al.	1994	2179169
Allen et al.	1976	2179602
Quazi	1985	2181705
Suzuki	1980	2185504
Kato	1981	2197761
Quazi et al.	1983	2198120
Quazi et al.	1984	2198216
Kiriyama et al.	1974	2199240
Allen et al.	1974	201754
Tryphonas et al.	1984	198632
Harper et al.	1995	202317
Allen and Abrahamson	1973	201750
Harris et al.	1993	202318
Kato et al.	1982	202362
Litterst et al.	1972	202416
Oda and Yoshida	1994	202467
Allen et al.	1975	1405015
Tani et al.	1980	1406111
Oda et al.	1987	1408825
Hitomi and Yoshida	1991	2166444
Horio et al.	1989	2166875
Mochizuki et al.	1998	2168260
Kato et al.	1978	2169479
Kato et al.	1980	2169480

A62-Aroclor 1248
A63-Aroclor 1248
A64-Aroclor 1248
A65-Aroclor 1248
A66-Aroclor 1248
A67-Aroclor 1248
A68-Aroclor 1248
A69-Aroclor 1248
A70-Aroclor 1248
A71-Aroclor 1248
A72-Aroclor 1248
A73-Aroclor 1248
A74-Aroclor 1248
A75-Aroclor 1248
A76-Aroclor 1248
A77-Aroclor 1248
A78-Aroclor 1248
A79-Aroclor 1248
A80-Aroclor 1248
A81-Aroclor 1248
A82-Aroclor 1248
A83-Aroclor 1248
A84-Aroclor 1248
A85-Aroclor 1248
A86-Aroclor 1248
A87-Aroclor 1248
A88-Aroclor 1248
A89-Aroclor 1248
A90-Aroclor 1248
A91-Aroclor 1248
A92-Aroclor 1248
A93-Aroclor 1248
A94-Aroclor 1248
A95-Aroclor 1248
A96-Aroclor 1248
A97-Aroclor 1248
A98-Aroclor 1248
A99-Aroclor 1248
A100-Aroclor 1248
A101-Aroclor 1248
A102-Aroclor 1248
A103-Aroclor 1248
A104-Aroclor 1248
A105-Aroclor 1248
A106-Aroclor 1248
A107-Aroclor 1248
A108-Aroclor 1248

Cholesterol	Hepatobiliary
Cholesterol	Hepatobiliary
Cholesterol	Hepatobiliary
Cholesterol	Hepatobiliary
Cholesterol	Hepatobiliary
Cholesterol	Hepatobiliary
Cholesterol	Hepatobiliary
Cholesterol	Hepatobiliary
Cholesterol	Hepatobiliary
Cholesterol	Hepatobiliary
Cholesterol	Hepatobiliary
Cholesterol	Hepatobiliary
Cholesterol	Hepatobiliary
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Cholesterol	Hepatobiliary
Cholesterol	Hepatobiliary
Cholesterol	Hepatobiliary
Cholesterol	Hepatobiliary
Cholesterol	Hepatobiliary
Cholesterol	Hepatobiliary
Cholesterol	Hepatobiliary
Cholesterol	Hepatobiliary
Cholesterol	Hepatobiliary
Gall Bladder Histopathology	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary

Aroclor 1248	Rat
Aroclor 1248	Rat
Aroclor 1248	Rat

Adult	14	N/A	N/A	N/A	N/A
Adult	12	N/A	N/A	N/A	N/A
Adult	20	N/A	N/A	N/A	N/A
Adult	14	N/A	N/A	N/A	N/A
Adult	6	N/A	N/A	N/A	N/A
Adult	7	N/A	N/A	N/A	N/A
Adult	14	N/A	N/A	N/A	N/A
Adult	28	N/A	N/A	N/A	N/A
Adult	30	N/A	N/A	N/A	N/A
Adult	28	N/A	N/A	N/A	N/A
Adult	21	N/A	N/A	N/A	N/A
Adult	47	N/A	N/A	N/A	N/A
Adult	91	N/A	N/A	N/A	N/A
Adult	14	N/A	N/A	N/A	N/A
Adult	10	N/A	N/A	N/A	N/A
Adult	17	N/A	N/A	N/A	N/A
Adult	23	N/A	N/A	N/A	N/A
Adult	10	N/A	N/A	N/A	N/A
Adult	15	N/A	N/A	N/A	N/A
Adult	8	N/A	N/A	N/A	N/A
Adult	8	N/A	N/A	N/A	N/A
Adult	7	N/A	N/A	N/A	N/A
Adult	21	N/A	N/A	N/A	N/A
Adult	3	N/A	N/A	N/A	N/A
Adult	91	N/A	N/A	N/A	N/A
Adult	21	N/A	N/A	N/A	N/A
Adult	24	N/A	N/A	N/A	N/A
Adult	10	N/A	N/A	N/A	N/A
Adult	5	N/A	N/A	N/A	N/A
Adult	14	N/A	N/A	N/A	N/A
Adult	10	N/A	N/A	N/A	N/A
Adult	61	N/A	N/A	N/A	N/A
Adult	29	N/A	N/A	N/A	N/A
Adult	1	N/A	N/A	N/A	N/A
Adult	14	N/A	N/A	N/A	N/A
Adult	1	N/A	N/A	N/A	N/A
Adult	20	N/A	N/A	N/A	N/A
Adult	28	N/A	N/A	N/A	N/A
Adult	14	N/A	N/A	N/A	N/A
Adult	28	N/A	N/A	N/A	N/A
Adult	30	N/A	N/A	N/A	N/A
Adult	236	N/A	N/A	N/A	N/A
Adult	10	N/A	N/A	N/A	N/A
Adult	23	N/A	N/A	N/A	N/A
Adult	14	N/A	N/A	N/A	N/A
Adult	8	N/A	N/A	N/A	N/A
Adult	8	N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A	1	1000
N/A	N/A	N/A	N/A	1	100
N/A	N/A	N/A	N/A	1	300
N/A	N/A	N/A	N/A	1	300
N/A	N/A	N/A	N/A	1	1000
N/A	N/A	N/A	N/A	1	300
N/A	N/A	N/A	N/A	1	2000
N/A	N/A	N/A	N/A	1	100
N/A	N/A	N/A	N/A	1	30
N/A	N/A	N/A	N/A	0	28.41
N/A	N/A	N/A	N/A	1	300
N/A	N/A	N/A	N/A	1	100
N/A	N/A	N/A	N/A	1	300
N/A	N/A	N/A	N/A	1	300
N/A	N/A	N/A	N/A	1	300
N/A	N/A	N/A	N/A	1	200
N/A	N/A	N/A	N/A	1	200
N/A	N/A	N/A	N/A	1	200
N/A	N/A	N/A	N/A	1	200
N/A	N/A	N/A	N/A	1	100
N/A	N/A	N/A	N/A	1	300
N/A	N/A	N/A	N/A	1	300
N/A	N/A	N/A	N/A	1	300
N/A	N/A	N/A	N/A	1	300
N/A	N/A	N/A	N/A	1	100
N/A	N/A	N/A	N/A	0	25.7
N/A	N/A	N/A	N/A	1	500
N/A	N/A	N/A	N/A	1	500
N/A	N/A	N/A	N/A	1	300
N/A	N/A	N/A	N/A	1	300
N/A	N/A	N/A	N/A	1	2000
N/A	N/A	N/A	N/A	0	1.339
N/A	N/A	N/A	N/A	0	2
N/A	N/A	N/A	N/A	0	50
N/A	N/A	N/A	N/A	1	1000
N/A	N/A	N/A	N/A	0	10
N/A	N/A	N/A	N/A	1	300
N/A	N/A	N/A	N/A	1	0.5
N/A	N/A	N/A	N/A	1	300
N/A	N/A	N/A	N/A	1	100
N/A	N/A	N/A	N/A	1	10
N/A	N/A	N/A	N/A	1	100
N/A	N/A	N/A	N/A	1	300
N/A	N/A	N/A	N/A	1	200
N/A	N/A	N/A	N/A	1	200
N/A	N/A	N/A	N/A	1	200
N/A	N/A	N/A	N/A	1	100

N/A	22	0.9
N/A	22	0.9
N/A	22	0.9

Suzuki	1980	2185504
Allen et al.	1973	201751
Allen et al.	1974	201754
Allen et al.	1974	201755
Tryphonas et al.	1984	198632
Thomas and Hinsdill	1978	199679
Allen and Abrahamson	1973	201750
Allen et al.	1975	1405015
Oda et al.	1987	1408825
Oda et al.	1991	2172265
Allen et al.	1976	2179602
Barsotti et al.	1976	198636
Allen and Norback	1973	201382
Allen et al.	1973	201751
Allen et al.	1974	201754
Allen et al.	1974	201755
Allen and Abrahamson	1973	201750
Kato et al.	1982	202361
Kato et al.	1982	202362
Litterst et al.	1972	202416
Quazi et al.	1984	594394
Tani et al.	1980	1406111
Nagaoka et al.	1986	1408484
Oda et al.	1986	1408492
Oda et al.	1987	1408825
Nagaoka et al.	1990	1410073
Hitomi and Yoshida	1989	2166445
Horio et al.	1987	2166872
Horio et al.	1989	2166875
Mochizuki et al.	1998	2168260
Kato et al.	1978	2169479
Kato et al.	1980	2169480
Quazi et al.	1983	2176364
Oda et al.	1994	2179169
Allen et al.	1976	2179602
Quazi	1985	2181705
Quazi et al.	1983	2198120
Quazi et al.	1984	2198216
Barsotti et al.	1976	198636
Allen et al.	1973	201751
Allen et al.	1974	201755
Tryphonas et al.	1984	198632
Thomas and Hinsdill	1978	199679
Allen and Abrahamson	1973	201750
Kato et al.	1982	202361
Kato et al.	1982	202362
Litterst et al.	1972	202416

A109-Aroclor 1248
A110-Aroclor 1248
A111-Aroclor 1248
A112-Aroclor 1248
A113-Aroclor 1248
A114-Aroclor 1248
A115-Aroclor 1248
A116-Aroclor 1248
A117-Aroclor 1248
A118-Aroclor 1248
A119-Aroclor 1248
A120-Aroclor 1248
A121-Aroclor 1248
A122-Aroclor 1248
A123-Aroclor 1248
A124-Aroclor 1248
A125-Aroclor 1248
A126-Aroclor 1248
A127-Aroclor 1248
A128-Aroclor 1248
A129-Aroclor 1248
A130-Aroclor 1248
A131-Aroclor 1248
A132-Aroclor 1248
A133-Aroclor 1248
A134-Aroclor 1248
A135-Aroclor 1248
A136-Aroclor 1248
A137-Aroclor 1248
A138-Aroclor 1248
A139-Aroclor 1248
A140-Aroclor 1248
A141-Aroclor 1248
A142-Aroclor 1248
A143-Aroclor 1248
A144-Aroclor 1248
A145-Aroclor 1248
A146-Aroclor 1248
A147-Aroclor 1248
A148-Aroclor 1248
A149-Aroclor 1248
A150-Aroclor 1248
A151-Aroclor 1248
A152-Aroclor 1248
A153-Aroclor 1248
A154-Aroclor 1248
A155-Aroclor 1248

Liver Enzyme Induction	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Liver Enzyme Induction	Hepatobiliary
Liver Histopathology	Hepatobiliary
Liver Histopathology	Hepatobiliary
Liver Histopathology	Hepatobiliary
Liver Histopathology	Hepatobiliary
Liver Histopathology	Hepatobiliary
Liver Histopathology	Hepatobiliary
Liver Histopathology	Hepatobiliary
Liver Histopathology	Hepatobiliary
Liver Histopathology	Hepatobiliary
Liver Histopathology	Hepatobiliary
Liver Histopathology	Hepatobiliary
Liver Histopathology	Hepatobiliary
Liver Histopathology	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Lipids/Steatosis	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary

Aroclor 1248	Rat
Aroclor 1248	Monkey
Aroclor 1248	Monkey
Aroclor 1248	Monkey
Aroclor 1248	Monkey
Aroclor 1248	Mouse
Aroclor 1248	Rat
Aroclor 1248	Rat
Aroclor 1248	Rat
Aroclor 1248	Rat
Aroclor 1248	Rat
Aroclor 1248	Monkey
Aroclor 1248	Monkey
Aroclor 1248	Monkey
Aroclor 1248	Monkey
Aroclor 1248	Monkey
Aroclor 1248	Rat
Aroclor 1248	Rat
Aroclor 1248	Rat
Aroclor 1248	Rat
Aroclor 1248	Rat
Aroclor 1248	Rat
Aroclor 1248	Rat
Aroclor 1248	Rat
Aroclor 1248	Rat
Aroclor 1248	Rat
Aroclor 1248	Rat
Aroclor 1248	Rat
Aroclor 1248	Rat
Aroclor 1248	Rat
Aroclor 1248	Rat
Aroclor 1248	Rat
Aroclor 1248	Rat
Aroclor 1248	Rat
Aroclor 1248	Rat
Aroclor 1248	Rat
Aroclor 1248	Rat
Aroclor 1248	Monkey
Aroclor 1248	Monkey
Aroclor 1248	Monkey
Aroclor 1248	Monkey
Aroclor 1248	Mouse
Aroclor 1248	Rat
Aroclor 1248	Rat
Aroclor 1248	Rat
Aroclor 1248	Rat

Adult	17	N/A	N/A	N/A	N/A
Adult	42	N/A	N/A	N/A	N/A
Adult	61	N/A	N/A	N/A	N/A
Adult	1	N/A	N/A	N/A	N/A
Adult	29	N/A	N/A	N/A	N/A
Adult	35	N/A	N/A	N/A	N/A
Adult	1	N/A	N/A	N/A	N/A
Adult	28	N/A	N/A	N/A	N/A
Adult	236	N/A	N/A	N/A	N/A
Adult	59	N/A	N/A	N/A	N/A
Adult	182	N/A	N/A	N/A	N/A
Adult	173	N/A	N/A	N/A	N/A
Adult	91	N/A	N/A	N/A	N/A
Adult	42	N/A	N/A	N/A	N/A
Adult	61	N/A	N/A	N/A	N/A
Adult	1	N/A	N/A	N/A	N/A
Adult	14	N/A	N/A	N/A	N/A
Adult	12	N/A	N/A	N/A	N/A
Adult	20	N/A	N/A	N/A	N/A
Adult	28	N/A	N/A	N/A	N/A
Adult	7	N/A	N/A	N/A	N/A
Adult	30	N/A	N/A	N/A	N/A
Adult	28	N/A	N/A	N/A	N/A
Adult	21	N/A	N/A	N/A	N/A
Adult	236	N/A	N/A	N/A	N/A
Adult	14	N/A	N/A	N/A	N/A
Adult	21	N/A	N/A	N/A	N/A
Adult	17	N/A	N/A	N/A	N/A
Adult	23	N/A	N/A	N/A	N/A
Adult	10	N/A	N/A	N/A	N/A
Adult	15	N/A	N/A	N/A	N/A
Adult	31	N/A	N/A	N/A	N/A
Adult	21	N/A	N/A	N/A	N/A
Adult	3	N/A	N/A	N/A	N/A
Adult	182	N/A	N/A	N/A	N/A
Adult	21	N/A	N/A	N/A	N/A
Adult	5	N/A	N/A	N/A	N/A
Adult	14	N/A	N/A	N/A	N/A
Adult	173	N/A	N/A	N/A	N/A
Adult	42	N/A	N/A	N/A	N/A
Adult	1	N/A	N/A	N/A	N/A
Adult	122	N/A	N/A	N/A	N/A
Adult	35	N/A	N/A	N/A	N/A
Adult	42	N/A	N/A	N/A	N/A
Adult	12	N/A	N/A	N/A	N/A
Adult	20	N/A	N/A	N/A	N/A
Adult	28	N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A	1	500
N/A	N/A	N/A	N/A	1	300
N/A	N/A	N/A	N/A	0	0.78125
N/A	N/A	N/A	N/A	0	3000
N/A	N/A	N/A	N/A	0	2
N/A	N/A	N/A	N/A	1	1000
N/A	N/A	N/A	N/A	1	1000
N/A	N/A	N/A	N/A	1	100
N/A	N/A	N/A	N/A	1	100
N/A	N/A	N/A	N/A	1	300
N/A	N/A	N/A	N/A	1	100
N/A	N/A	N/A	N/A	1	2.5
N/A	N/A	N/A	N/A	1	300
N/A	N/A	N/A	N/A	1	300
N/A	N/A	N/A	N/A	0	1.339
N/A	N/A	N/A	N/A	0	1500
N/A	N/A	N/A	N/A	1	1000
N/A	N/A	N/A	N/A	1	100
N/A	N/A	N/A	N/A	1	300
N/A	N/A	N/A	N/A	1	50
N/A	N/A	N/A	N/A	1	300
N/A	N/A	N/A	N/A	1	30
N/A	N/A	N/A	N/A	0	28.41
N/A	N/A	N/A	N/A	1	300
N/A	N/A	N/A	N/A	1	100
N/A	N/A	N/A	N/A	1	300
N/A	N/A	N/A	N/A	1	300
N/A	N/A	N/A	N/A	1	200
N/A	N/A	N/A	N/A	1	200
N/A	N/A	N/A	N/A	1	200
N/A	N/A	N/A	N/A	1	200
N/A	N/A	N/A	N/A	1	100
N/A	N/A	N/A	N/A	1	300
N/A	N/A	N/A	N/A	1	300
N/A	N/A	N/A	N/A	1	100
N/A	N/A	N/A	N/A	0	25.7
N/A	N/A	N/A	N/A	1	300
N/A	N/A	N/A	N/A	1	300
N/A	N/A	N/A	N/A	1	2.5
N/A	N/A	N/A	N/A	1	300
N/A	N/A	N/A	N/A	0	1500
N/A	N/A	N/A	N/A	0	2
N/A	N/A	N/A	N/A	1	1000
N/A	N/A	N/A	N/A	1	1000
N/A	N/A	N/A	N/A	1	100
N/A	N/A	N/A	N/A	1	300
N/A	N/A	N/A	N/A	1	50

N/A	22	0.9
N/A	168	0.9
N/A	168	0.9
N/A	168	0.9
N/A	168	0.9
N/A	18	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	168	0.9
N/A	168	0.9
N/A	168	0.9
N/A	168	0.9
N/A	168	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	168	0.9
N/A	168	0.9
N/A	168	0.9
N/A	168	0.9
N/A	18	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9

Oda and Yoshida	1994	202467
Kato and Yoshida	1980	399336
Quazi et al.	1984	594394
Kiriyama et al.	1974	1001202
Allen et al.	1975	1405015
Tani et al.	1980	1406111
Nagaoka et al.	1986	1408484
Oda et al.	1986	1408492
Oda et al.	1987	1408825
Oda et al.	1990	1410008
Nagaoka et al.	1990	1410073
Hitomi and Yoshida	1991	2166444
Hitomi and Yoshida	1989	2166445
Horio et al.	1987	2166872
Horio et al.	1989	2166875
Mochizuki et al.	1998	2168260
Kato et al.	1978	2169479
Kato et al.	1980	2169480
Oda et al.	1991	2172265
Oda et al.	1989	2173181
Quazi et al.	1983	2176364
Horio and Yoshida	1982	2176910
Oda et al.	1994	2179169
Allen et al.	1976	2179602
Quazi	1985	2181705
Kato	1981	2197761
Quazi et al.	1983	2198120
Quazi et al.	1984	2198216
Kiriyama et al.	1974	2199240
Allen and Norback	1973	201382
Allen et al.	1973	201751
Allen et al.	1974	201755
Kato et al.	1982	202362
Oda and Yoshida	1994	202467
Tani et al.	1980	1406111
Oda et al.	1986	1408492
Oda et al.	1987	1408825
Hitomi and Yoshida	1991	2166444
Horio et al.	1987	2166872
Kato et al.	1978	2169479
Kato et al.	1980	2169480
Quazi et al.	1983	2176364
Horio and Yoshida	1982	2176910
Suzuki	1980	2185504
Barsotti et al.	1976	198636
Allen et al.	1973	201751
Allen et al.	1974	201755

A156-Aroclor 1248
A157-Aroclor 1248
A158-Aroclor 1248
A159-Aroclor 1248
A160-Aroclor 1248
A161-Aroclor 1248
A162-Aroclor 1248
A163-Aroclor 1248
A164-Aroclor 1248
A165-Aroclor 1248
A166-Aroclor 1248
A167-Aroclor 1248
A168-Aroclor 1248
A169-Aroclor 1248
A170-Aroclor 1248
A171-Aroclor 1248
A172-Aroclor 1248
A173-Aroclor 1248
A174-Aroclor 1248
A175-Aroclor 1248
A176-Aroclor 1248
A177-Aroclor 1248
A178-Aroclor 1248
A179-Aroclor 1248
A180-Aroclor 1248
A181-Aroclor 1248
A182-Aroclor 1248
A183-Aroclor 1248
A184-Aroclor 1248
A185-Aroclor 1248
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A187-Aroclor 1248
A188-Aroclor 1248
A189-Aroclor 1248
A190-Aroclor 1248
A191-Aroclor 1248
A192-Aroclor 1248
A193-Aroclor 1248
A194-Aroclor 1248
A195-Aroclor 1248
A196-Aroclor 1248
A197-Aroclor 1248
A198-Aroclor 1248
A199-Aroclor 1248
A200-Aroclor 1248
A201-Aroclor 1248
A202-Aroclor 1248

Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Micronutrients	Hepatobiliary
Micronutrients	Hepatobiliary
Micronutrients	Hepatobiliary
Micronutrients	Hepatobiliary
Micronutrients	Hepatobiliary
Micronutrients	Hepatobiliary
Micronutrients	Hepatobiliary
Micronutrients	Hepatobiliary
Micronutrients	Hepatobiliary
Micronutrients	Hepatobiliary
Micronutrients	Hepatobiliary
Micronutrients	Hepatobiliary
Serum Biomarkers of Liver Health & Function	Hepatobiliary
Serum Biomarkers of Liver Health & Function	Hepatobiliary
Serum Biomarkers of Liver Health & Function	Hepatobiliary

Aroclor 1248	Rat
Aroclor 1248	Rat
Aroclor 1248	Rat

Adult	14	N/A	N/A	N/A	N/A
Adult	6	N/A	N/A	N/A	N/A
Adult	7	N/A	N/A	N/A	N/A
Adult	14	N/A	N/A	N/A	N/A
Adult	28	N/A	N/A	N/A	N/A
Adult	30	N/A	N/A	N/A	N/A
Adult	28	N/A	N/A	N/A	N/A
Adult	21	N/A	N/A	N/A	N/A
Adult	236	N/A	N/A	N/A	N/A
Adult	91	N/A	N/A	N/A	N/A
Adult	14	N/A	N/A	N/A	N/A
Adult	10	N/A	N/A	N/A	N/A
Adult	10	N/A	N/A	N/A	N/A
Adult	17	N/A	N/A	N/A	N/A
Adult	23	N/A	N/A	N/A	N/A
Adult	10	N/A	N/A	N/A	N/A
Adult	15	N/A	N/A	N/A	N/A
Adult	8	N/A	N/A	N/A	N/A
Adult	59	N/A	N/A	N/A	N/A
Adult	7	N/A	N/A	N/A	N/A
Adult	21	N/A	N/A	N/A	N/A
Adult	14	N/A	N/A	N/A	N/A
Adult	8	N/A	N/A	N/A	N/A
Adult	91	N/A	N/A	N/A	N/A
Adult	21	N/A	N/A	N/A	N/A
Adult	10	N/A	N/A	N/A	N/A
Adult	5	N/A	N/A	N/A	N/A
Adult	14	N/A	N/A	N/A	N/A
Adult	10	N/A	N/A	N/A	N/A
Adult	91	N/A	N/A	N/A	N/A
Adult	84	N/A	N/A	N/A	N/A
Adult	1	N/A	N/A	N/A	N/A
Adult	20	N/A	N/A	N/A	N/A
Adult	14	N/A	N/A	N/A	N/A
Adult	30	N/A	N/A	N/A	N/A
Adult	21	N/A	N/A	N/A	N/A
Adult	236	N/A	N/A	N/A	N/A
Adult	10	N/A	N/A	N/A	N/A
Adult	17	N/A	N/A	N/A	N/A
Adult	15	N/A	N/A	N/A	N/A
Adult	31	N/A	N/A	N/A	N/A
Adult	21	N/A	N/A	N/A	N/A
Adult	10	N/A	N/A	N/A	N/A
Adult	12	N/A	N/A	N/A	N/A
Adult	243	N/A	N/A	N/A	N/A
Adult	84	N/A	N/A	N/A	N/A
Adult	1	N/A	N/A	N/A	N/A

N/A	N/A	N/A	N/A	1	300
N/A	N/A	N/A	N/A	1	1000
N/A	N/A	N/A	N/A	1	300
N/A	N/A	N/A	N/A	1	2000
N/A	N/A	N/A	N/A	1	100
N/A	N/A	N/A	N/A	1	30
N/A	N/A	N/A	N/A	0	28.41
N/A	N/A	N/A	N/A	1	300
N/A	N/A	N/A	N/A	1	100
N/A	N/A	N/A	N/A	1	300
N/A	N/A	N/A	N/A	1	300
N/A	N/A	N/A	N/A	1	300
N/A	N/A	N/A	N/A	1	300
N/A	N/A	N/A	N/A	1	200
N/A	N/A	N/A	N/A	1	200
N/A	N/A	N/A	N/A	1	200
N/A	N/A	N/A	N/A	1	200
N/A	N/A	N/A	N/A	1	100
N/A	N/A	N/A	N/A	1	300
N/A	N/A	N/A	N/A	1	300
N/A	N/A	N/A	N/A	1	300
N/A	N/A	N/A	N/A	1	200
N/A	N/A	N/A	N/A	1	300
N/A	N/A	N/A	N/A	1	100
N/A	N/A	N/A	N/A	0	25.7
N/A	N/A	N/A	N/A	1	500
N/A	N/A	N/A	N/A	1	300
N/A	N/A	N/A	N/A	1	300
N/A	N/A	N/A	N/A	1	2000
N/A	N/A	N/A	N/A	1	300
N/A	N/A	N/A	N/A	1	300
N/A	N/A	N/A	N/A	0	1500
N/A	N/A	N/A	N/A	1	300
N/A	N/A	N/A	N/A	1	300
N/A	N/A	N/A	N/A	1	5
N/A	N/A	N/A	N/A	1	300
N/A	N/A	N/A	N/A	1	100
N/A	N/A	N/A	N/A	1	300
N/A	N/A	N/A	N/A	1	200
N/A	N/A	N/A	N/A	1	200
N/A	N/A	N/A	N/A	1	100
N/A	N/A	N/A	N/A	1	300
N/A	N/A	N/A	N/A	1	200
N/A	N/A	N/A	N/A	1	500
N/A	N/A	N/A	N/A	1	2.5
N/A	N/A	N/A	N/A	1	300
N/A	N/A	N/A	N/A	0	1500

N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	168	0.9
N/A	168	0.9
N/A	168	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	168	0.9
N/A	168	0.9
N/A	168	0.9

Davis and Safe	1989	202219
Harper et al.	1995	202317
Thomas and Hinsdill	1978	199679
Thomas and Hinsdill	1978	199679
Brown et al.	1996	201803
Tryphonas et al.	1984	198632
Tryphonas et al.	1984	198632
Kiriyama et al.	1974	1001202
Thomas and Hinsdill	1978	199679
Thomas and Hinsdill	1978	199679
Barsotti et al.	1976	198636
Tryphonas et al.	1984	198632
Allen et al.	1973	201751
Allen et al.	1974	201755
Allen and Abrahamson	1973	201750
Berger et al.	2001	656205
Lombardo et al.	2015	3007891
Berger et al.	2001	656205
Lombardo et al.	2015	3007891
Allen et al.	1974	201755
Tryphonas et al.	1984	198632
Allen and Norback	1973	201382
Allen et al.	1973	201751
Tryphonas et al.	1984	198632
Tryphonas et al.	1984	198632
Barsotti et al.	1976	198636
Barsotti et al.	1976	198636
Thomas and Hinsdill	1978	199679
Allen and Norback	1973	201382
Allen et al.	1973	201751
Allen et al.	1980	201752
Allen et al.	1974	201754
Barsotti et al.	1976	198636
Allen and Barsotti	1976	66483
Barsotti et al.	1976	198636
Allen et al.	1974	201754
Andric et al.	2000	2152151
Allen et al.	1973	201751
Tryphonas et al.	1984	198632
Tryphonas et al.	1984	198632
Kiriyama et al.	1974	1001202
Allen and Barsotti	1976	66483
Schantz et al.	1989	199761
Schantz et al.	1989	199761
Schantz et al.	1989	199761
Allen et al.	1980	201752
Allen and Barsotti	1976	66483

A203-Aroclor 1248
A204-Aroclor 1248
A205-Aroclor 1248
A206-Aroclor 1248
A207-Aroclor 1248
A208-Aroclor 1248
A209-Aroclor 1248
A210-Aroclor 1248
A211-Aroclor 1248
A212-Aroclor 1248
A213-Aroclor 1248
A214-Aroclor 1248
A215-Aroclor 1248
A216-Aroclor 1248
A217-Aroclor 1248
A218-Aroclor 1248
A219-Aroclor 1248
A220-Aroclor 1248
A221-Aroclor 1248
A222-Aroclor 1248
A223-Aroclor 1248
A224-Aroclor 1248
A225-Aroclor 1248
A226-Aroclor 1248
A227-Aroclor 1248
A228-Aroclor 1248
A229-Aroclor 1248
A230-Aroclor 1248
A231-Aroclor 1248
A232-Aroclor 1248
A233-Aroclor 1248
A234-Aroclor 1248
A235-Aroclor 1248
A236-Aroclor 1248
A237-Aroclor 1248
A238-Aroclor 1248
A239-Aroclor 1248
A240-Aroclor 1248
A241-Aroclor 1248
A242-Aroclor 1248
A243-Aroclor 1248
D1-Aroclor 1248
D2-Aroclor 1248
D3-Aroclor 1248
D4-Aroclor 1248
D5-Aroclor 1248
D6-Aroclor 1248

Antibody Responses	Immune System
Antibody Responses	Immune System
Antibody Responses	Immune System
Endotoxin Sensitivity	Immune System
Endotoxin Sensitivity	Immune System
Immune Organ Histopathology	Immune System
Immune Organ Size/Weight	Immune System
Immune Organ Size/Weight	Immune System
Immunoglobulin Levels - Nonspecific	Immune System
Susceptibility to Infection	Immune System
Susceptibility to Infection	Immune System
White Blood Cell (WBC) Counts	Immune System
White Blood Cell (WBC) Counts	Immune System
White Blood Cell (WBC) Counts	Immune System
Adipose Tissue Size/Weight	Metabolic
Cognitive function	Nervous System
Cognitive function	Nervous System
Emotional state/affective behavior	Nervous System
Emotional state/affective behavior	Nervous System
Neurological Symptoms	Nervous System
Meibomian (Tarsal) Gland Enlargement	Ocular
Ocular Discharge	Ocular
Ocular Discharge	Ocular
Ocular Histopathology	Ocular
Ocular Irritation	Ocular
Ocular Irritation	Ocular
Periorbital Edema	Ocular
Periorbital edema	Ocular
Periorbital Edema	Ocular
Periorbital Edema	Ocular
Periorbital Edema	Ocular
Periorbital Edema	Ocular
Estrous/Menstrual Cycle	Reproductive
Pregnancy/Conception Rate	Reproductive
Pregnancy/Conception Rate	Reproductive
Pregnancy/conception rate	Reproductive
Sex Hormone Levels (M)	Reproductive
Pleural Effusion	Respiratory
Pulmonary Histopathology	Respiratory
Kidney Histopathology	Urinary System
Kidney Weight	Urinary System
Abnormal Pigmentation	Dermal
Abnormal Pigmentation	Dermal
Abnormal Pigmentation	Dermal
Abnormal Pigmentation	Dermal
Abnormal Pigmentation	Dermal
Acne/Chloracne	Dermal

Aroclor 1248	Mouse
Aroclor 1248	Mouse
Aroclor 1248	Monkey
Aroclor 1248	Mouse
Aroclor 1248	Rat
Aroclor 1248	Monkey
Aroclor 1248	Monkey
Aroclor 1248	Rat
Aroclor 1248	Monkey
Aroclor 1248	Mouse
Aroclor 1248	Monkey
Aroclor 1248	Monkey
Aroclor 1248	Monkey
Aroclor 1248	Monkey
Aroclor 1248	Rat
Aroclor 1248	Rat
Aroclor 1248	Rat
Aroclor 1248	Rat
Aroclor 1248	Rat
Aroclor 1248	Monkey
Aroclor 1248	Monkey
Aroclor 1248	Monkey
Aroclor 1248	Monkey
Aroclor 1248	Monkey
Aroclor 1248	Monkey
Aroclor 1248	Monkey
Aroclor 1248	Monkey
Aroclor 1248	Monkey
Aroclor 1248	Monkey
Aroclor 1248	Monkey
Aroclor 1248	Monkey
Aroclor 1248	Monkey
Aroclor 1248	Monkey
Aroclor 1248	Monkey
Aroclor 1248	Monkey
Aroclor 1248	Monkey
Aroclor 1248	Rat
Aroclor 1248	Monkey
Aroclor 1248	Monkey
Aroclor 1248	Monkey
Aroclor 1248	Rat
Aroclor 1248	Monkey
Aroclor 1248	Monkey
Aroclor 1248	Monkey
Aroclor 1248	Monkey
Aroclor 1248	Monkey
Aroclor 1248	Monkey

Adult		1	N/A	N/A	N/A	N/A
Adult		1	N/A	N/A	N/A	N/A
Adult		342	N/A	N/A	N/A	N/A
Adult		35	N/A	N/A	N/A	N/A
Adult		1	N/A	N/A	N/A	N/A
Adult		29	N/A	N/A	N/A	N/A
Adult		58	N/A	N/A	N/A	N/A
Adult		14	N/A	N/A	N/A	N/A
Adult		475	N/A	N/A	N/A	N/A
Adult		35	N/A	N/A	N/A	N/A
Adult		173	N/A	N/A	N/A	N/A
Adult		122	N/A	N/A	N/A	N/A
Adult		84	N/A	N/A	N/A	N/A
Adult		1	N/A	N/A	N/A	N/A
Adult		42	N/A	N/A	N/A	N/A
Adult		30	N/A	N/A	N/A	N/A
Adult		30	N/A	N/A	N/A	N/A
Adult		30	N/A	N/A	N/A	N/A
Adult		30	N/A	N/A	N/A	N/A
Adult		1	N/A	N/A	N/A	N/A
Adult		58	N/A	N/A	N/A	N/A
Adult		91	N/A	N/A	N/A	N/A
Adult		30	N/A	N/A	N/A	N/A
Adult		58	N/A	N/A	N/A	N/A
Adult		39	N/A	N/A	N/A	N/A
Adult		61	N/A	N/A	N/A	N/A
Adult		61	N/A	N/A	N/A	N/A
Adult		182.5	N/A	N/A	N/A	N/A
Adult		91	N/A	N/A	N/A	N/A
Adult		30	N/A	N/A	N/A	N/A
Adult		441.76	N/A	N/A	N/A	N/A
Adult		42	N/A	N/A	N/A	N/A
Adult		122	N/A	N/A	N/A	N/A
Adult		182.5	N/A	N/A	N/A	N/A
Adult		213	N/A	N/A	N/A	N/A
Adult		61	N/A	N/A	N/A	N/A
Adult		1	N/A	N/A	N/A	N/A
Adult		84	N/A	N/A	N/A	N/A
Adult		58	N/A	N/A	N/A	N/A
Adult		58	N/A	N/A	N/A	N/A
Adult		14	N/A	N/A	N/A	N/A
Developmental	N/A		1	-182.5	168	N/A
Developmental	N/A		1	-949.1	-395.5	N/A
Developmental	N/A		1	-486.7	290	N/A
Developmental	N/A		1	-1527	-973	N/A
Developmental	N/A		1	-685.083	-243.333	N/A
Developmental	N/A		1	-182.5	259	N/A

N/A	N/A	N/A	N/A		0	150
N/A	N/A	N/A	N/A		0	50
N/A	N/A	N/A	N/A		1	5
N/A	N/A	N/A	N/A		1	100
N/A	N/A	N/A	N/A		0	50
N/A	N/A	N/A	N/A		0	2
N/A	N/A	N/A	N/A		0	2
N/A	N/A	N/A	N/A		1	2000
N/A	N/A	N/A	N/A		1	5
N/A	N/A	N/A	N/A		1	1000
N/A	N/A	N/A	N/A		1	2.5
N/A	N/A	N/A	N/A		0	2
N/A	N/A	N/A	N/A		1	300
N/A	N/A	N/A	N/A		0	1500
N/A	N/A	N/A	N/A		1	1000
N/A	N/A	N/A	N/A		1	0.5
N/A	N/A	N/A	N/A		0	0.0006
N/A	N/A	N/A	N/A		1	0.5
N/A	N/A	N/A	N/A		0	0.0006
N/A	N/A	N/A	N/A		0	1500
N/A	N/A	N/A	N/A		0	2
N/A	N/A	N/A	N/A		1	300
N/A	N/A	N/A	N/A		1	300
N/A	N/A	N/A	N/A		0	2
N/A	N/A	N/A	N/A		0	2
N/A	N/A	N/A	N/A		1	2.5
N/A	N/A	N/A	N/A		1	2.5
N/A	N/A	N/A	N/A		1	2.5
N/A	N/A	N/A	N/A		1	300
N/A	N/A	N/A	N/A		1	300
N/A	N/A	N/A	N/A		1	2.5
N/A	N/A	N/A	N/A		0	0.78125
N/A	N/A	N/A	N/A		1	2.5
N/A	N/A	N/A	N/A		1	5
N/A	N/A	N/A	N/A		1	5
N/A	N/A	N/A	N/A		0	0.78125
N/A	N/A	N/A	N/A		0	10
N/A	N/A	N/A	N/A		1	300
N/A	N/A	N/A	N/A		0	2
N/A	N/A	N/A	N/A		0	2
N/A	N/A	N/A	N/A		1	2000
N/A	0	168		3	1	2.5
N/A	122	290		2	0	0.09
N/A	122	290		2	0	0.03
N/A	122	594		2	0	0.08
N/A	121.667	289.667		2	1	2.5
N/A	122	290		2	1	2.5

N/A	18	0.9
N/A	18	0.9
N/A	168	0.9
N/A	18	0.9
N/A	22	0.9
N/A	168	0.9
N/A	168	0.9
N/A	22	0.9
N/A	168	0.9
N/A	18	0.9
N/A	168	0.9
N/A	168	0.9
N/A	168	0.9
N/A	168	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	22	0.9
N/A	168	0.9
N/A	168	0.9
N/A	168	0.9
N/A	168	0.9
N/A	168	0.9
N/A	168	0.9
N/A	168	0.9
N/A	168	0.9
N/A	168	0.9
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N/A	168	0.9
N/A	168	0.9
N/A	168	0.9
N/A	168	0.9
N/A	168	0.9
N/A	168	0.9
N/A	168	0.9
N/A	22	0.9
N/A	168	0.9
N/A	168	0.9
N/A	168	0.9
N/A	22	0.9
N/A	168	0.9
N/A	168	0.9
N/A	168	0.9
N/A	168	0.9
N/A	168	0.9
N/A	168	0.9

Allen et al.	1980	201752
Allen and Barsotti	1976	66483
Allen et al.	1980	201752
Abrahamson and Allen	1973	201746
Allen and Barsotti	1976	66483
Abrahamson and Allen	1973	201746
Allen et al.	1980	201752
Allen and Barsotti	1976	66483
Barsotti et al.	1976	198636
Allen et al.	1980	201752
Allen and Barsotti	1976	66483
Barsotti et al.	1976	198636
Schantz et al.	1989	199761
Bowman et al.	1981	199846
Abrahamson and Allen	1973	201746
Allen et al.	1980	201752
Allen et al.	1974	201754
Abrahamson and Allen	1973	201746
Abrahamson and Allen	1973	201746
Allen et al.	1980	201752
Allen and Barsotti	1976	66483
Abrahamson and Allen	1973	201746
Allen et al.	1980	201752
Allen and Barsotti	1976	66483
Abrahamson and Allen	1973	201746
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Abrahamson and Allen	1973	201746
Allen and Barsotti	1976	66483
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Allen and Barsotti	1976	66483
Allen and Barsotti	1976	66483
Abrahamson and Allen	1973	201746
Allen et al.	1980	201752
Abrahamson and Allen	1973	201746
Allen et al.	1980	201752
Abrahamson and Allen	1973	201746
Levin et al.	1988	198621
Schantz et al.	1989	199761
Bowman et al.	1978	201797
Mele et al.	1986	1408333
Mele et al.	1986	1408333
Bowman et al.	1981	199846
Bowman et al.	1981	199846
Bowman et al.	1981	199846
Bowman and Heironimus	1981	201796
Bowman et al.	1981	199846

D7-Aroclor 1248
D8-Aroclor 1248
D9-Aroclor 1248
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D45-Aroclor 1248
D46-Aroclor 1248
D47-Aroclor 1248
D48-Aroclor 1248
D49-Aroclor 1248
D50-Aroclor 1248
D51-Aroclor 1248
D52-Aroclor 1248
D53-Aroclor 1248

Acne/Chloracne	Dermal
Alopecia	Dermal
Alopecia	Dermal
Dermal Histopathology	Dermal
Hyperkeratosis	Dermal
Hyperkeratosis	Dermal
Hyperkeratosis	Dermal
Offspring Mortality	Developmental
Offspring Mortality	Developmental
Offspring Mortality	Developmental
Weight and Size (Early Life)	Developmental
Weight and Size (Early Life)	Developmental
Weight and Size (Early Life)	Developmental
Weight and Size (Early Life)	Developmental
Weight and Size (Early Life)	Developmental
Weight and Size (Early Life)	Developmental
Weight and Size (Early Life)	Developmental
Adrenal Weight	Endocrine
Digestive System Complaints/Diseases	Gastrointestinal
Digestive System Complaints/Diseases	Gastrointestinal
Gastrointestinal Histopathology	Gastrointestinal
Gastrointestinal Histopathology	Gastrointestinal
Gastrointestinal Histopathology	Gastrointestinal
Bone Marrow Histopathology	Hematopoietic
Bone Marrow Histopathology	Hematopoietic
Bone Marrow Histopathology	Hematopoietic
Red Blood Cells/Hemoglobin	Hematopoietic
Liver Histopathology	Hepatobiliary
Liver Histopathology	Hepatobiliary
Liver Weight/Hepatomegaly	Hepatobiliary
Immune Organ Histopathology	Immune System
Immune Organ Histopathology	Immune System
Immune Organ Histopathology	Immune System
Immune Organ Histopathology	Immune System
Immune Organ Size/Weight	Immune System
Immune Organ Size/Weight	Immune System
Brain Weight & Histopathology	Nervous System
Cognitive Function	Nervous System
Cognitive function	Nervous System
Cognitive function	Nervous System
Cognitive function	Nervous System
Cognitive function	Nervous System
Emotional state/affective behavior	Nervous System
Emotional state/affective behavior	Nervous System
Emotional state/affective behavior	Nervous System
Emotional state/affective behavior	Nervous System
Motor Function/Development	Nervous System