PRECLEANED CERTIFIED™

Certificate of Compliance

The enclosed containers have been chemically cleaned by using the specified USEPA cleaning procedures for low level chemical analysis. ESS containers meet and exceed the required detection limits established by the USEPA in SPECIFICATIONS AND GUIDANCE FOR CONTAMINANT-FREE SAMPLE CONTAINERS.

EXTRACTABLE ORGANIC COMPOUNDS

Analyte	Quantitation Limit (ug/L)
Pesticides / PCBs	
Alpha-BHC	< 0.01
Beta-BHC	< 0.01
Delta-BHC	< 0.01
Gamma-BHC (Lindane)	< 0.01
Heptachlor	< 0.01
Aldrin	< 0.01
Heptachlor Epoxide	< 0.01
Endosulfan I	< 0.01
Dieldrin	< 0.02
4,4'-DDE	< 0.02
Endrin	< 0.02
Endosulfan II	< 0.02
4,4'-DDD	< 0.02
Endosulfan Sulfate	< 0.02
4,4'-DDT	< 0.02
Methoxychlor	< 0.10
Endrin Ketone	< 0.02
Endrin Aldehyde	< 0.02
Alpha-Chlordane	< 0.01
Gamma-Chlordane	< 0.01
Toxaphene	< 1.0
Aroclor-1016	< 0.20
Aroclor-1221	< 0.02
Aroclor-1232	< 0.40
Aroclor-1242	< 0.20
Aroclor-1248	< 0.20
Aroclor-1254	< 0.20
Aroclor-1260	< 0.20
Aroclor-1262	< 0.20
Aroclor-1268	< 0.20
Semivolatiles	
Phenol	< 5
bis-(2-Chloroethyl) ether	< 5
bis-(2-Chloroisopropyl) ether	< 5
2-Chlorophenol	< 5
2-Methylphenol	< 5
2,2'-Oxybis-(1-Chloropropane)	< 5
4-Methylphenol	< 5
N-Nitroso-di-n-propylamine	< 5
Hexachloroethane	< 5
Nitrobenzene	< 5
Isophorone	< 5
2-Nitrophenol	< 5
2,4-Dimethylphenol	< 5
bis-(2-Chloroethoxy) methane	< 5
2,4-Dichlorophenol	< 5
1,2,4-Trichlorobenzene	< 5
Naphthalene	< 5
4-Chloroaniline	< 5
Hexachlorobutadiene	< 5
4-Chloro-3-Methylphenol	< 5
2-Methylnaphthalene	< 5
Hexachlorocyclopentadiene	< 5
2,4,6-Trichlorophenol	< 5
2,4,5-Trichlorophenol	< 20
1,2-Diphenylhydrazene	< 5
Carbazole	< 5
2-Chloronaphthalene	< 5
2-Nitroaniline	< 20
Dimethylphthalate	< 5
Acenaphthylene	< 5
2,6-Dinitrotoluene	< 5
3-Nitroaniline	< 20
Acenaphthene	< 5
2,4-Dinitrophenol	< 20
4-Nitrophenol	< 20
Dibenzofuran	< 5
2,4-Dinitrotoluene	< 5
Diethylphthalate	< 5
4-Chlorophenyl-Phenylether	< 5
Flourene	< 5
4-Nitroaniline	< 20
4,6-Dinitro-2-Methyphenol	< 20
N-Nitrosodiphenylamine	< 5
N-Nitrosodimethylamine	< 5
4-Bromophenyl-Phenylether	< 5
Hexachlorobenzene	< 5
Pentachlorophenol	< 20
Phenanthrene	< 5
Anthracene	< 5
Di-n-Butylphthalate	< 5
Fluoroanthene	< 5
Pyrene	< 5
Butylbenzylphthalate	< 5
1,2'-Dichlorobenzene	< 5
1,3'-Dichlorobenzene	< 5
1,4'-Dichlorobenzene	< 5
3,3'-Dichlorobenzidine	< 5
Benzo[a]anthracene	< 5
Chyrsene	< 5
bis-(2-Ethylhexyl) Phthalate	< 5
Di-n-Octylphthalate	< 5
Benzo[b]flouranthene	< 5
Benzo[k]flouranthene	< 5
Benzo[a]pyrene	< 5
Indeno(1,2,3-cd)pyrene	< 5
Dibenzo[a,h]anthracene	< 5
Benzo[g,h,i]perylene	< 5
Benzoic Acid	< 20
Benzyl Alcohol	< 5

PURGEABLE VOLATILE ORGANIC COMPOUNDS

Analyte	Quantitation Limit (ug/L)
Acetone	< 5
Benzene	< 1
Bromoform	< 1
Bromobenzene	< 1
Bromochloromethane	< 1
Bromodichloromethane	< 1
Bromomethane	< 1
z-Butylbenzene	< 5
n-Butylbenzene	< 1
sec-Butylbenzene	< 1
tert-Butylbenzene	< 1
Carbon Tetrachloride	< 1
Carbon Disulfide	< 1
Chlorobenzene	< 1
Chloroethane	< 1
Chloromethane	< 1
2-Chlorotoluene	< 1
4-Chlorotoluene	< 1
2,4-Chlorotoluene	< 1
Chloroform	< 1
Dibromomethane	< 1
1,2-Dibro 3-Chloropropane	< 1
Dibromochloromethane	< 1
1,2-Dibromoethane (ED8)	< 1
1,2-Dichlorobenzene	< 1
1,3-Dichlorobenzene	< 1
1,4-Dichlorobenzene	< 1
Dichlorodifluoromethane	< 1
1,1-Dichloroethane	< 1
1,2-Dichloroethane	< 1
1,1-Dichloroethene	< 1
cis-1,2-Dichloroethene	< 1
trans-1,2-Dichloroethene	< 1
1,2-Dichloropropane	< 1
1,3-Dichloropropane	< 1
2,2-Dichloropropane	< 1
1,1-Dichloropropene	< 1
cis-Dichloropropene	< 1
trans-1,3-Dichloropropene	< 1
Ethylbenzene	< 1
2-Hexandile	< 5
Hexachlorobutadiene	< 1
Isopropylbenzene	< 1
4-Isopropyltoluene	< 1
Methylene Chloride	< 5
Naphthalene	< 1
Propylbenzene	< 1
Styrene	< 1
1,1,1,2-Tetrachloroethane	< 1
1,1,2,2-Tetrachloroethane	< 1
Tetrachloroethene	< 1
Toluene	< 1
1,2,3,-Trichlorobenzene	< 1
1,2,4,-Trichlorobenzene	< 1
1,1,1-Trichloroethane	< 1
1,1,2-Trichloroethane	< 1
Trichloroethene	< 1
Trichlorofluoromethane	< 1
Trichlorotrifluoroethane	< 1
1,2,3-Trichloropropane	< 1
1,2,3-Trimethylbenzene	< 1
1,2,4-Trimethylbenzene	< 1
1,3,5-Trimethylbenzene	< 1
Vinyl Acetate	< 5
Vinyl Chloride	< 1
Methyl-Tert-Butyl-Ether	< 1
4-Methyl-2-pentanone	< 5
o-xylene	< 1
m-xylene (1)	< 1
p-xylene (1)	< 1

METALS, CYANIDE, & SULFIDE COMPOUNDS

Analyte	Detection Limit (ug/L)
Aluminum	< 80
Antimony	< 5
Arsenic	< 2
Barium	< 20
Barium (Amber HDPE)	< 50
Beryllium	< 0.5
Cadmium	< 1
Calcium	< 500
Calcium (HDPE)	< 100
Chromium	< 10
Cobalt	< 10
Copper	< 10
Iron	< 50
Lead	< 2
Magnesium	< 100
Manganese	< 10
Mercury	< 0.2
Nickel	< 20
Potassium	< 750
Potassium (HDPE)	< 100
Selenium	< 2
Silver	< 5
Sodium	< 5000
Sodium (HDPE)	< 100
Thallium	< 5
Vanadium	< 10
Zinc	< 10
Zinc (Amber HDPE)	< 500
Cyanide	< 10
Flouride	< 200
Nitrate+Nitrite	< 100

ENVIRONMENTAL SAMPLING SUPPLY

"We sell experience with every container."™

090694

For information on our cleaning & monitoring procedures please call:
800-233-8425

Printed on recycled paper with soy inks