134159

UNITED STATES
ENVIRONMENTAL PROTECTION AGENCY
REGION 5
CHICAGO, ILLINOIS

DATE: MAR 0 2 1989

SUBJECT: Review of Region 5 data for Export Packaging

FROM: Curtis Ross, Director Chi Tang for
Region 5 Central Regional Laboratory

To: Data User:

Attached are the results for:

CRL Data Set Numbers: SF 5863
Sample Numbers: 89F0095 75-576 R08
Parameter(s): CN
Laboratory: CRL

Results Status:

(✓) DATA ACCEPTABLE FOR USE*
( ) DATA QUALIFIED AS TO USE
( ) DATA UNACCEPTABLE FOR USE

* For data acceptability requirements, refer to the method capability statement for the methods referenced.

Comments by the Quality Control Coordinator:

If there are any questions regarding the data, refer them to David Payne, the Quality Control Coordinator, at 353-3805.

Please sign and date this form below and return it with any comments to:

Sylvia Griffin
Data Management Coordinator
Region 5 Central Regional Laboratory
(5SCRL)

MAR 0 2 1989
U.S. EPA CENTRAL REGIONAL LAB

RECEIVED BY/DATE:

Comments:

DATA SET	SITE	DU/ACT.
SF5883	Export Packaging	Y905/TFA

SAMPLES	PARAMETER(S)
89FS09575-76 R08	Cd

SAMPLED	RECEIVED	DUE	LAB
2/21/89	2/22/89	3/15/89	CRL

SHIPPED	DATA RECEIVED	CONTRACT
	N/A	

Comments By Reviewer:

(✓) REVIEWED ( ) UNREVIEWED BB 2/27/89 TEAM LEADER/DATE

(✓) REVIEWED ( ) UNREVIEWED Eli Tang SECTION CHIEF/DATE

( ) REVIEWED ( ) UNREVIEWED QC COORDINATOR/DATE

REVIEWED BY CONTRACT COORDINATOR/DATE

RECEIVED 3/2/89 TRANSMITTED 3/2/89 DATA MANAGEMENT COORDINATOR Griffin

CC: QUALITY CONTROL COORDINATOR

TFA302

OK-BP 2/27/89

ENVIRONMENTAL PROTECTION AGENCY
FOR THE TEAM: MINERALS - NUTRIENTS

DIVISION/BRANCH FIT (SUPERFUND SAMPLE DATE 2/21/89 LAB ARRIVAL DATE 2/22/89 DUE DATE 3/~~14~~ 15/89

DU NUMBER ~~5905~~ TFA DATA SET NUMBER 5883 STUDY Export Packaging PRIORITY — CONTRACTOR CRL

CRL LOG NUMBER	SAMPLE DESCRIPTION	WATER PHENOLICS UG PHENOL/L MIN 74818	WATER CYANIDE UG CN/L MIN 74919	WATER GROSS ALPHA P CI/L MIN 75020	WATER CR^{+6} UG CR^{+6}/L MIN 74616	WATER MERCURY UG HG/L MIN 74717
89FS09S75	RW1 5-020063		✓ 5U			
89FS09S76	RW2 5-020070		✓ 5U			
89FS09S77	RW3 5-020082		✓ 5U			
~~89FS09S78~~	~~RW4~~		✓			
89FS09B75	Dup 5-020089		✓ 5U			
89FS09R08	blank 5-020096		✓ 5U			
			Auto-UV Method 335.3			
			RVP 2.24.89			

Cyanide Screening
Auto - UV
Method 335.3

* REGRESSION ANALYSIS * CSC VERSION 2.00 *

NAME OF ANALYST ---: PICCIONE DATA SET NUMBER ---: SF5877 5883
PARAMETER NAME ----: CYANIDE DU NUMBER ---------:
DATE OF ANALYSIS --: 02-24-1985
RP

DEGREE OF FIT : 1

EQUATION : CONCENTRATION = -1.547932E-01
+5.936822E-01 * SIGNAL

COEFFICIENT OF DETERMINATION : .9995335

T-A-B-L-E O-F S-T-A-N-D-A-R-D-S

STANDARD	SIGNAL	CONCENTRATION	CALCULATED
1	+0.000	+0.000	-0.155
2	+5.300	+5.000	+5.365
3	+17.500	+10.000	+10.234
4	+41.200	+25.000	+24.304
5	+84.900	+50.000	+50.248

T-A-B-L-E O-F S-A-M-P-L-E-S

SAMPLE I.D.	SIGNAL	CONCENTRATION	
BLANK	+0.200	-0.037	limit <5
CS5	+9.500	+5.485	
CS20	+33.500	+19.732	limit 15-25
89F309R06	+0.000	-0.155	
S54	+0.000	-0.155	SF5877
S55	+0.000	-0.155	
89F509R08	+0.200	-0.037	
S75	+0.100	-0.096	
B75	+1.300	+0.616	SF5883
S76	+0.500	+0.142	
S77	+0.200	-0.037	
S54DUPL	+0.500	+0.142	
S76SPIKE	+38.000	+22.405	(22.4 - 0)/20 = 22.4 limit 20±5
CS5	+9.500	+5.485	
CS20	+38.300	+22.583	limit 20±5