



Pace Analytical Services, Inc
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel 612-607-1700
Fax 612-607-6444

Method 8290 Blank Analysis Results

Client - ATC ASSOCIATES

Lab Sample ID	BLANK-2278	Matrix	WIPE
Filename	F21017B_05	Dilution	NA
Total Amount Extracted	10.1 g	Extracted	10/10/2002
ICAL Date	10/01/2002	Analyzed	10/18/2002 02.24
CCal Filename(s)	F21017B_01 & F21017B_16	Injected By	MRO

Native Isomers	Conc ng/Kg	EMPC ng/Kg	LRL ng/Kg	Internal Standards	ng's Added	Percent Recovery
2,3,7,8-TCDF	ND	----	0.20	2,3,7,8-TCDF-13C	2.00	77
Total TCDF	ND	----	0.20	2,3,7,8-TCDD-13C	2.00	75
				1,2,3,7,8-PeCDF-13C	2.00	78
2,3,7,8-TCDD	ND	----	0.23 A	2,3,4,7,8-PeCDF-13C	2.00	77
Total TCDD	ND	----	0.20	1,2,3,7,8-PeCDD-13C	2.00	75
				1,2,3,4,7,8-HxCDF-13C	2.00	90
1,2,3,7,8-PeCDF	ND	----	0.99	1,2,3,6,7,8-HxCDF-13C	2.00	98
2,3,4,7,8-PeCDF	ND	----	0.99	2,3,4,6,7,8-HxCDF-13C	2.00	94
Total PeCDF	ND	----	0.99	1,2,3,7,8,9-HxCDF-13C	2.00	87
				1,2,3,4,7,8-HxCDD-13C	2.00	89
1,2,3,7,8-PeCDD	ND	----	0.99	1,2,3,6,7,8-HxCDD-13C	2.00	87
Total PeCDD	ND	----	0.99	1,2,3,4,6,7,8-HpCDF-13C	2.00	78
				1,2,3,4,7,8,9-HpCDF-13C	2.00	72
1,2,3,4,7,8-HxCDF	ND	----	0.99	1,2,3,4,6,7,8-HpCDD-13C	2.00	72
1,2,3,6,7,8-HxCDF	ND	----	0.99	OCDD-13C	4.00	68
2,3,4,6,7,8-HxCDF	ND	----	0.99			
1,2,3,7,8,9-HxCDF	ND	----	0.99	1,2,3,4-TCDD-13C	2.00	NA
Total HxCDF	ND	----	0.99	1,2,3,7,8,9-HxCDD-13C	2.00	NA
1,2,3,4,7,8-HxCDD	ND	----	0.99	2,3,7,8-TCDD-37Cl4	0.20	74
1,2,3,6,7,8-HxCDD	ND	----	0.99			
1,2,3,7,8,9-HxCDD	ND	----	0.99			
Total HxCDD	ND	----	0.99			
1,2,3,4,6,7,8-HpCDF	ND	----	0.99	Total 2,3,7,8-TCDD		
1,2,3,4,7,8,9-HpCDF	ND	----	0.99	Equivalence 0.00 ng/Kg		
Total HpCDF	ND	----	0.99	(Using ITE Factors)		
1,2,3,4,6,7,8-HpCDD	ND	----	0.99			
Total HpCDD	ND	----	0.99			
OCDF	ND	----	2.00			
OCDD	ND	----	2.00			

Conc = Concentration (Totals include 2,3,7,8-substituted isomers)
EMPC = Estimated Maximum Possible Concentration
LRL = Lower Reporting Limit
J = Concentration detected is below the calibration range
P = Recovery outside of target range
A = Detection Limit based on signal-to-noise measurement

I = Interference
E = PCDE Interference
ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion

Report No... 1062687

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc

CONFIDENTIAL,

CITY_21MC100_003431442

SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008