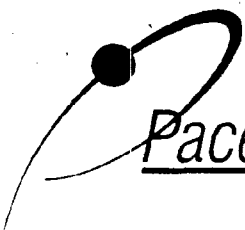


Pace Analytical Services, Inc.  
1700 Elm Street - Suite 200  
Minneapolis, MN 55414

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


**Pace Analytical™**

## Method 8290 Analysis Results

Client - ATC

|                        |                         |           |                  |
|------------------------|-------------------------|-----------|------------------|
| Client's Sample ID     | ATC-0214-M894-DX1       |           |                  |
| Lab Sample ID          | 103331815               |           |                  |
| Filename               | U20306A_06              |           |                  |
| Injected By            | CVS                     |           |                  |
| Total Amount Extracted | 1 m2                    | Matrix    | WIPE             |
| % Moisture             | NA                      | Dilution  | NA               |
| Dry Weight Extracted   | NA                      | Collected | 02/14/2002       |
| ICAL Date              | 03/05/2002              | Received  | 02/18/2002       |
| CCal Filename(s)       | U20305B_16 & U20306A_17 | Extracted | 02/28/2002       |
| Method Blank ID        | BLANK-1489              | Analyzed  | 03/06/2002 19:13 |

| Native Isomers      | Conc<br>ng/m2 | EMPC<br>ng/m2 | LRL<br>ng/m2 | Internal Standards         | ng's<br>Added | Percent<br>Recovery |
|---------------------|---------------|---------------|--------------|----------------------------|---------------|---------------------|
| 2,3,7,8-TCDF        | 0.0039        | ----          | 0.00220 JA   | 2,3,7,8-TCDF-13C           | 2.00          | 76                  |
| Total TCDF          | 0.0670        | ----          | 0.00200      | 2,3,7,8-TCDD-13C           | 2.00          | 70                  |
|                     |               |               |              | 1,2,3,7,8-PeCDF-13C        | 2.00          | 70                  |
| 2,3,7,8-TCDD        | ND            | ----          | 0.00200      | 2,3,4,7,8-PeCDF-13C        | 2.00          | 65                  |
| Total TCDD          | 0.0930        | ----          | 0.00200      | 1,2,3,7,8-PeCDD-13C        | 2.00          | 71                  |
|                     |               |               |              | 1,2,3,4,7,8-HxCDF-13C      | 2.00          | 90                  |
| 1,2,3,7,8-PeCDF     | ND            | ----          | 0.01000      | 1,2,3,6,7,8-HxCDF-13C      | 2.00          | 92                  |
| 2,3,4,7,8-PeCDF     | ND            | ----          | 0.01000      | 2,3,4,6,7,8-HxCDF-13C      | 2.00          | 90                  |
| Total PeCDF         | ND            | ----          | 0.01000      | 1,2,3,7,8,9-HxCDF-13C      | 2.00          | 87                  |
|                     |               |               |              | 1,2,3,4,7,8-HxCDD-13C      | 2.00          | 94                  |
| 1,2,3,7,8-PeCDD     | ND            | ----          | 0.01000      | 1,2,3,6,7,8-HxCDD-13C      | 2.00          | 81                  |
| Total PeCDD         | ND            | ----          | 0.01000      | 1,2,3,4,6,7,8-HpCDF-13C    | 2.00          | 90                  |
|                     |               |               |              | 1,2,3,4,7,8,9-HpCDF-13C    | 2.00          | 87                  |
| 1,2,3,4,7,8-HxCDF   | ND            | ----          | 0.01000      | 1,2,3,4,6,7,8-HpCDD-13C    | 2.00          | 87                  |
| 1,2,3,6,7,8-HxCDF   | ND            | ----          | 0.01000      | OCDD-13C                   | 4.00          | 76                  |
| 2,3,4,6,7,8-HxCDF   | ND            | ----          | 0.01000      |                            |               |                     |
| 1,2,3,7,8,9-HxCDF   | ND            | ----          | 0.01000      | 1,2,3,4-TCDD-13C           | 2.00          | NA                  |
| Total HxCDF         | ND            | ----          | 0.01000      | 1,2,3,7,8,9-HxCDD-13C      | 2.00          | NA                  |
|                     |               |               |              |                            |               |                     |
| 1,2,3,4,7,8-HxCDD   | ND            | ----          | 0.01000      | 2,3,7,8-TCDD-37Cl4         | 0.20          | 73                  |
| 1,2,3,6,7,8-HxCDD   | ND            | ----          | 0.01000      |                            |               |                     |
| 1,2,3,7,8,9-HxCDD   | ND            | ----          | 0.01000      |                            |               |                     |
| Total HxCDD         | 0.0110        | ----          | 0.01000 J    |                            |               |                     |
|                     |               |               |              |                            |               |                     |
| 1,2,3,4,6,7,8-HpCDF | ND            | ----          | 0.01000      | Total 2,3,7,8-TCDD         |               |                     |
| 1,2,3,4,7,8,9-HpCDF | ND            | ----          | 0.01000      | Equivalence: 0.00060 ng/m2 |               |                     |
| Total HpCDF         | ND            | ----          | 0.01000      | (Using ITE Factors)        |               |                     |
|                     |               |               |              |                            |               |                     |
| 1,2,3,4,6,7,8-HpCDD | 0.0140        | ----          | 0.01000 J    |                            |               |                     |
| Total HpCDD         | 0.0140        | ----          | 0.01000 J    |                            |               |                     |
|                     |               |               |              |                            |               |                     |
| OCDF                | ND            | ----          | 0.02000      |                            |               |                     |
| OCDD                | 0.0710        | ----          | 0.02000 BJ   |                            |               |                     |

Conc = Concentration (Totals include 2,3,7,8-substituted isomers)  
 EMPC = Estimated Maximum Possible Concentration  
 A = Detection Limit based on signal-to-noise measurement  
 J = Concentration detected is below the calibration range  
 B = Less than 10 times higher than method blank level  
 P = Recovery outside of target range  
 Nn = Value obtained from additional analysis

LRL = Lower Reporting Limit  
 I = Interference  
 E = PCDE Interference  
 S = Saturated signal  
 ND = Not Detected  
 NA = Not Applicable  
 NC = Not Calculated  
 \* = See Discussion

Report No.....02-1054210

## 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\_003432113

SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008



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

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

## Method 8290 Analysis Results

Client - ATC

|                        |                         |           |                  |
|------------------------|-------------------------|-----------|------------------|
| Client's Sample ID     | ATC-0214-M894-DX2       |           |                  |
| Lab Sample ID          | 103331823               |           |                  |
| Filename               | F20307A_09              |           |                  |
| Injected By            | MRO                     |           |                  |
| Total Amount Extracted | 1 m2                    | Matrix    | WIPE             |
| % Moisture             | NA                      | Dilution  | NA               |
| Dry Weight Extracted   | NA                      | Collected | 02/14/2002       |
| ICAL Date              | 01/24/2002              | Received  | 02/18/2002       |
| CCal Filename(s)       | F20306B_14 & F20307A_16 | Extracted | 02/28/2002       |
| Method Blank ID        | BLANK-1489              | Analyzed  | 03/07/2002 20:45 |

| Native Isomers      | Conc ng/m2 | EMPC ng/m2 | LRL ng/m2 | Internal Standards      | ng's Added | Percent Recovery |
|---------------------|------------|------------|-----------|-------------------------|------------|------------------|
| 2,3,7,8-TCDF        | ND         | ----       | 0.00200   | 2,3,7,8-TCDF-13C        | 2.00       | 75               |
| Total TCDF          | 0.020      | ----       | 0.00200   | 2,3,7,8-TCDD-13C        | 2.00       | 66               |
|                     |            |            |           | 1,2,3,7,8-PeCDF-13C     | 2.00       | 84               |
| 2,3,7,8-TCDD        | ND         | ----       | 0.00200   | 2,3,4,7,8-PeCDF-13C     | 2.00       | 79               |
| Total TCDD          | 0.056      | ----       | 0.00200   | 1,2,3,7,8-PeCDD-13C     | 2.00       | 79               |
|                     |            |            |           | 1,2,3,4,7,8-HxCDF-13C   | 2.00       | 100              |
| 1,2,3,7,8-PeCDF     | ND         | ----       | 0.01000   | 1,2,3,6,7,8-HxCDF-13C   | 2.00       | 66               |
| 2,3,4,7,8-PeCDF     | ND         | ----       | 0.01000   | 2,3,4,6,7,8-HxCDF-13C   | 2.00       | 81               |
| Total PeCDF         | ND         | ----       | 0.01000   | 1,2,3,7,8,9-HxCDF-13C   | 2.00       | 82               |
|                     |            |            |           | 1,2,3,4,7,8-HxCDD-13C   | 2.00       | 89               |
| 1,2,3,7,8-PeCDD     | -----      | 0.013      | 0.01000   | 1,2,3,6,7,8-HxCDD-13C   | 2.00       | 79               |
| Total PeCDD         | 0.130      | -----      | 0.01000   | 1,2,3,4,6,7,8-HpCDF-13C | 2.00       | 70               |
|                     |            |            |           | 1,2,3,4,7,8,9-HpCDF-13C | 2.00       | 64               |
| 1,2,3,4,7,8-HxCDF   | ND         | ----       | 0.01000   | 1,2,3,4,6,7,8-HpCDD-13C | 2.00       | 67               |
| 1,2,3,6,7,8-HxCDF   | ND         | ----       | 0.01000   | OCDD-13C                | 4.00       | 65               |
| 2,3,4,6,7,8-HxCDF   | ND         | ----       | 0.01000   |                         |            |                  |
| 1,2,3,7,8,9-HxCDF   | ND         | ----       | 0.01000   | 1,2,3,4-TCDD-13C        | 2.00       | NA               |
| Total HxCDF         | 0.022      | ----       | 0.01000   | 1,2,3,7,8,9-HxCDD-13C   | 2.00       | NA               |
|                     |            |            |           |                         |            |                  |
| 1,2,3,4,7,8-HxCDD   | 0.049      | ----       | 0.01000   | J                       |            |                  |
| 1,2,3,6,7,8-HxCDD   | 0.014      | ----       | 0.01000   | J                       |            |                  |
| 1,2,3,7,8,9-HxCDD   | 0.015      | ----       | 0.01000   | J                       |            |                  |
| Total HxCDD         | 0.630      | ----       | 0.01000   |                         |            |                  |
|                     |            |            |           |                         |            |                  |
| 1,2,3,4,6,7,8-HpCDF | 0.040      | ----       | 0.01000   | J                       |            |                  |
| 1,2,3,4,7,8,9-HpCDF | ND         | ----       | 0.01000   | J                       |            |                  |
| Total HpCDF         | 0.083      | ----       | 0.01000   | J                       |            |                  |
|                     |            |            |           |                         |            |                  |
| 1,2,3,4,6,7,8-HpCDD | 0.250      | ----       | 0.01000   |                         |            |                  |
| Total HpCDD         | 0.910      | ----       | 0.01000   |                         |            |                  |
|                     |            |            |           |                         |            |                  |
| OCDF                | 0.055      | ----       | 0.02000   | J                       |            |                  |
| OCDD                | 0.830      | ----       | 0.02000   |                         |            |                  |

Conc = Concentration (Totals include 2,3,7,8-substituted isomers)  
EMPC = Estimated Maximum Possible Concentration  
A = Detection Limit based on signal-to-noise measurement  
J = Concentration detected is below the calibration range  
B = Less than 10 times higher than method blank level  
P = Recovery outside of target range  
Nn = Value obtained from additional analysis

LRL = Lower Reporting Limit  
I = Interference  
E = PCDE Interference  
S = Saturated signal  
ND = Not Detected  
NA = Not Applicable  
NC = Not Calculated  
\* = See Discussion

Report No.....02-1054210

## 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\_003432114

SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008



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

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

## Method 8290 Analysis Results

Client - ATC

|                        |                         |           |                  |
|------------------------|-------------------------|-----------|------------------|
| Client's Sample ID     | ATC-0214-M894-DX3       |           |                  |
| Lab Sample ID          | 103331831               |           |                  |
| Filename               | U20306A_07              |           |                  |
| Injected By            | CVS                     |           |                  |
| Total Amount Extracted | 1 m2                    | Matrix    | WIPE             |
| % Moisture             | NA                      | Dilution  | NA               |
| Dry Weight Extracted   | NA                      | Collected | 02/14/2002       |
| ICAL Date              | 03/05/2002              | Received  | 02/18/2002       |
| CCal Filename(s)       | U20305B_16 & U20306A_17 | Extracted | 02/28/2002       |
| Method Blank ID        | BLANK-1489              | Analyzed  | 03/06/2002 20:02 |

| Native Isomers      | Conc ng/m2 | EMPC ng/m2 | LRL ng/m2  | Internal Standards         | ng's Added | Percent Recovery |
|---------------------|------------|------------|------------|----------------------------|------------|------------------|
| 2,3,7,8-TCDF        | ND         | ----       | 0.00200    | 2,3,7,8-TCDF-13C           | 2.00       | 67               |
| Total TCDF          | 0.0066     | ----       | 0.00200 J  | 2,3,7,8-TCDD-13C           | 2.00       | 65               |
|                     |            |            |            | 1,2,3,7,8-PeCDF-13C        | 2.00       | 78               |
| 2,3,7,8-TCDD        | ND         | ----       | 0.00200    | 2,3,4,7,8-PeCDF-13C        | 2.00       | 65               |
| Total TCDD          | 0.0049     | ----       | 0.00200 J  | 1,2,3,7,8-PeCDD-13C        | 2.00       | 72               |
|                     |            |            |            | 1,2,3,4,7,8-HxCDF-13C      | 2.00       | 86               |
| 1,2,3,7,8-PeCDF     | ND         | ----       | 0.01000    | 1,2,3,6,7,8-HxCDF-13C      | 2.00       | 75               |
| 2,3,4,7,8-PeCDF     | ND         | ----       | 0.01000    | 2,3,4,6,7,8-HxCDF-13C      | 2.00       | 77               |
| Total PeCDF         | ND         | ----       | 0.01000    | 1,2,3,7,8,9-HxCDF-13C      | 2.00       | 74               |
|                     |            |            |            | 1,2,3,4,7,8-HxCDD-13C      | 2.00       | 85               |
| 1,2,3,7,8-PeCDD     | ND         | ----       | 0.01000    | 1,2,3,6,7,8-HxCDD-13C      | 2.00       | 69               |
| Total PeCDD         | ND         | ----       | 0.01000    | 1,2,3,4,6,7,8-HpCDF-13C    | 2.00       | 79               |
|                     |            |            |            | 1,2,3,4,7,8,9-HpCDF-13C    | 2.00       | 76               |
| 1,2,3,4,7,8-HxCDF   | ND         | ----       | 0.01000    | 1,2,3,4,6,7,8-HpCDD-13C    | 2.00       | 77               |
| 1,2,3,6,7,8-HxCDF   | ND         | ----       | 0.01000    | OCDD-13C                   | 4.00       | 62               |
| 2,3,4,6,7,8-HxCDF   | ND         | ----       | 0.01000    |                            |            |                  |
| 1,2,3,7,8,9-HxCDF   | ND         | ----       | 0.01000    | 1,2,3,4-TCDD-13C           | 2.00       | NA               |
| Total HxCDF         | ND         | ----       | 0.01000    | 1,2,3,7,8,9-HxCDD-13C      | 2.00       | NA               |
|                     |            |            |            |                            |            |                  |
| 1,2,3,4,7,8-HxCDD   | ND         | ----       | 0.01000    | 2,3,7,8-TCDD-37Cl4         | 0.20       | 74               |
| 1,2,3,6,7,8-HxCDD   | ND         | ----       | 0.01000    |                            |            |                  |
| 1,2,3,7,8,9-HxCDD   | ND         | ----       | 0.01000    |                            |            |                  |
| Total HxCDD         | ND         | ----       | 0.01000    |                            |            |                  |
|                     |            |            |            |                            |            |                  |
| 1,2,3,4,6,7,8-HpCDF | ND         | ----       | 0.01000    | Total 2,3,7,8-TCDD         |            |                  |
| 1,2,3,4,7,8,9-HpCDF | ND         | ----       | 0.01000    | Equivalence: 0.00024 ng/m2 |            |                  |
| Total HpCDF         | ND         | ----       | 0.01000    | (Using ITE Factors)        |            |                  |
|                     |            |            |            |                            |            |                  |
| 1,2,3,4,6,7,8-HpCDD | 0.0150     | ----       | 0.01000 J  |                            |            |                  |
| Total HpCDD         | 0.0150     | ----       | 0.01000 J  |                            |            |                  |
|                     |            |            |            |                            |            |                  |
| OCDF                | ND         | ----       | 0.02000    |                            |            |                  |
| OCDD                | 0.0920     | ----       | 0.02000 BJ |                            |            |                  |

Conc = Concentration (Totals include 2,3,7,8-substituted isomers)

EMPC = Estimated Maximum Possible Concentration

A = Detection Limit based on signal-to-noise measurement

J = Concentration detected is below the calibration range

B = Less than 10 times higher than method blank level

P = Recovery outside of target range

Nn = Value obtained from additional analysis

LRL = Lower Reporting Limit

I = Interference

E = PCDE Interference

S = Saturated signal

ND = Not Detected

NA = Not Applicable

NC = Not Calculated

\* = See Discussion

Report No.....02-1054210

## 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\_003432115

SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008



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

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

## Method 8290 Analysis Results

Client - ATC

|                        |                         |           |                  |
|------------------------|-------------------------|-----------|------------------|
| Client's Sample ID     | ATC-0214-M894-DX4       |           |                  |
| Lab Sample ID          | 103331849               |           |                  |
| Filename               | U20306A_08              |           |                  |
| Injected By            | CVS                     |           |                  |
| Total Amount Extracted | 1 m2                    | Matrix    | WIPE             |
| % Moisture             | NA                      | Dilution  | NA               |
| Dry Weight Extracted   | NA                      | Collected | 02/14/2002       |
| ICAL Date              | 03/05/2002              | Received  | 02/18/2002       |
| CCal Filename(s)       | U20305B_16 & U20306A_17 | Extracted | 02/28/2002       |
| Method Blank ID        | BLANK-1489              | Analyzed  | 03/06/2002 20:52 |

| Native Isomers      | Conc ng/m2 | EMPC ng/m2 | LRL ng/m2 | Internal Standards         | ng's Added | Percent Recovery |
|---------------------|------------|------------|-----------|----------------------------|------------|------------------|
| 2,3,7,8-TCDF        | ND         | ----       | 0.00200   | 2,3,7,8-TCDF-13C           | 2.00       | 85               |
| Total TCDF          | ND         | ----       | 0.00200   | 2,3,7,8-TCDD-13C           | 2.00       | 79               |
|                     |            |            |           | 1,2,3,7,8-PeCDF-13C        | 2.00       | 95               |
| 2,3,7,8-TCDD        | ND         | ----       | 0.00200   | 2,3,4,7,8-PeCDF-13C        | 2.00       | 79               |
| Total TCDD          | ND         | ----       | 0.00200   | 1,2,3,7,8-PeCDD-13C        | 2.00       | 86               |
|                     |            |            |           | 1,2,3,4,7,8-HxCDF-13C      | 2.00       | 102              |
| 1,2,3,7,8-PeCDF     | ND         | ----       | 0.01000   | 1,2,3,6,7,8-HxCDF-13C      | 2.00       | 91               |
| 2,3,4,7,8-PeCDF     | ND         | ----       | 0.01000   | 2,3,4,6,7,8-HxCDF-13C      | 2.00       | 95               |
| Total PeCDF         | ND         | ----       | 0.01000   | 1,2,3,7,8,9-HxCDF-13C      | 2.00       | 96               |
|                     |            |            |           | 1,2,3,4,7,8-HxCDD-13C      | 2.00       | 105              |
| 1,2,3,7,8-PeCDD     | ND         | ----       | 0.01000   | 1,2,3,6,7,8-HxCDD-13C      | 2.00       | 83               |
| Total PeCDD         | ND         | ----       | 0.01000   | 1,2,3,4,6,7,8-HpCDF-13C    | 2.00       | 99               |
|                     |            |            |           | 1,2,3,4,7,8,9-HpCDF-13C    | 2.00       | 99               |
| 1,2,3,4,7,8-HxCDF   | ND         | ----       | 0.01000   | 1,2,3,4,6,7,8-HpCDD-13C    | 2.00       | 99               |
| 1,2,3,6,7,8-HxCDF   | ND         | ----       | 0.01000   | OCDD-13C                   | 4.00       | 82               |
| 2,3,4,6,7,8-HxCDF   | ND         | ----       | 0.01000   |                            |            |                  |
| 1,2,3,7,8,9-HxCDF   | ND         | ----       | 0.01000   | 1,2,3,4-TCDD-13C           | 2.00       | NA               |
| Total HxCDF         | ND         | ----       | 0.01000   | 1,2,3,7,8,9-HxCDD-13C      | 2.00       | NA               |
|                     |            |            |           |                            |            |                  |
| 1,2,3,4,7,8-HxCDD   | ND         | ----       | 0.01000   | 2,3,7,8-TCDD-37Cl4         | 0.20       | 88               |
| 1,2,3,6,7,8-HxCDD   | ND         | ----       | 0.01000   |                            |            |                  |
| 1,2,3,7,8,9-HxCDD   | ND         | ----       | 0.01000   |                            |            |                  |
| Total HxCDD         | ND         | ----       | 0.01000   |                            |            |                  |
|                     |            |            |           |                            |            |                  |
| 1,2,3,4,6,7,8-HpCDF | ND         | ----       | 0.01000   | Total 2,3,7,8-TCDD         |            |                  |
| 1,2,3,4,7,8,9-HpCDF | ND         | ----       | 0.01000   | Equivalence: 0.00024 ng/m2 |            |                  |
| Total HpCDF         | ND         | ----       | 0.01000   | (Using ITE Factors)        |            |                  |
|                     |            |            |           |                            |            |                  |
| 1,2,3,4,6,7,8-HpCDD | 0.014      | ----       | 0.01000 J |                            |            |                  |
| Total HpCDD         | 0.027      | ----       | 0.01000 J |                            |            |                  |
|                     |            |            |           |                            |            |                  |
| OCDF                | ND         | ----       | 0.02000   |                            |            |                  |
| OCDD                | 0.100      | ----       | 0.02000 B |                            |            |                  |

Conc = Concentration (Totals include 2,3,7,8-substituted isomers)

EMPC = Estimated Maximum Possible Concentration

A = Detection Limit based on signal-to-noise measurement

J = Concentration detected is below the calibration range

3 = Less than 10 times higher than method blank level

P = Recovery outside of target range

N = Value obtained from additional analysis

LRL = Lower Reporting Limit

I = Interference

E = PCDE Interference

S = Saturated signal

ND = Not Detected

NA = Not Applicable

NC = Not Calculated

\* = See Discussion

Report No.....02-1054210

## 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\_003432116

SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008