HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

# Trace Analysis, Inc.

## Certificate of Analysis Number:

## 06100738

| Report To: | | Project Name: | Trace Analysis |
|---|---|---|---|
| Trace Analysis, Inc. | | Site: | Lubbock, Texas |
| Nell Green | | Site Address: | |
| 6701 Aberdeen Avenue | | | |
| Suite 9 | | PO Number: | |
| Lubbock | | State: | Texas |
| TX | | State Cert. No.: | T104704205-06-TX |
| 79424- | | Date Reported: | 10/19/2006 |
| ph: (806) 794-1296 | fax: | | |

This Report Contains A Total Of 18 Pages

Excluding This Page, Chain Of Custody

And

Any Attachments

10/20/2006

Date

Test results meet all requirements of NELAC, unless specified in the narrative.

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## Case Narrative for:

# Trace Analysis, Inc.

## Certificate of Analysis Number:

## 06100738

| Report To: | | Project Name: | Trace Analysis |
|---|---|---|---|
| Trace Analysis, Inc. | | Site: | Lubbock, Texas |
| Nell Green | | Site Address: | |
| 6701 Aberdeen Avenue | | | |
| Suite 9 | | PO Number: | |
| Lubbock | | State: | Texas |
| TX | | State Cert. No.: | T104704205-06-TX |
| 79424- | | | |
| ph: (806) 794-1296 | fax: | Date Reported: | 10/19/2006 |

The collection date on your chain of custody for sample ID: 105765 (SPL ID:06100738-12) did not match the container. Per our conversation on October 18,2006 the sample container has the correct date of collection.

Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report (" mg\kg-dry " or " ug\kg-dry " ).

Matrix spike (MS) and matrix spike duplicate (MSD) samples are chosen and tested at random from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. Since the MS and MSD are chosen at random from an analytical batch, the sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The Laboratory Control Sample (LCS) and the Method Blank (MB) are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

Some of the percent recoveries and RPD's on the QC report for the MS/MSD may be different than the calculated recoveries and RPD's using the sample result and the MS/MSD results that appear on the report because, the actual raw result is used to perform the calculations for percent recovery and RPD.

Any other exceptions associated with this report will be footnoted in the analytical result page(s) or the quality control summary page(s).

Please do not hesitate to contact us if you have any questions or comments pertaining to this data report. Please reference the above Certificate of Analysis Number.

This report shall not be reproduced except in full, without the written approval of the laboratory. The reported results are only representative of the samples submitted for testing.

SPL, Inc. is pleased to be of service to you. We anticipate working with you in fulfilling all your current and future analytical needs.

Bernadette Fini
Customer Service Manager

Test results meet all requirements of NELAC, unless specified in the narrative.



10/20/2006
Date

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
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# Trace Analysis, Inc.

## Certificate of Analysis Number:

## 06100738

**Report To:** Trace Analysis, Inc.
Nell Green
6701 Aberdeen Avenue
Suite 9
Lubbock
TX
79424-
ph: (806) 794-1296 fax: (806) 794-1298

**Fax To:**

**Project Name:** Trace Analysis
**Site:** Lubbock, Texas
**Site Address:**

**PO Number:**
**State:** Texas
**State Cert. No.:** T104704205-06-TX
**Date Reported:** 10/19/2006

| Client Sample ID | Lab Sample ID | Matrix | Date Collected | Date Received | COC ID | HOLD |
|---|---|---|---|---|---|---|
| 105754 | 06100738-01 | Soil | 10/10/2006 | 10/17/2006 9:30:00 AM | | ☐ |
| 105755 | 06100738-02 | Soil | 10/10/2006 | 10/17/2006 9:30:00 AM | | ☐ |
| 105756 | 06100738-03 | Soil | 10/10/2006 | 10/17/2006 9:30:00 AM | | ☐ |
| 105757 | 06100738-04 | Soil | 10/10/2006 | 10/17/2006 9:30:00 AM | | ☐ |
| 105758 | 06100738-05 | Soil | 10/10/2006 | 10/17/2006 9:30:00 AM | | ☐ |
| 105759 | 06100738-06 | Soil | 10/11/2006 | 10/17/2006 9:30:00 AM | | ☐ |
| 105760 | 06100738-07 | Soil | 10/11/2006 | 10/17/2006 9:30:00 AM | | ☐ |
| 105761 | 06100738-08 | Soil | 10/11/2006 | 10/17/2006 9:30:00 AM | | ☐ |
| 105762 | 06100738-09 | Soil | 10/11/2006 | 10/17/2006 9:30:00 AM | | ☐ |
| 105763 | 06100738-10 | Soil | 10/11/2006 | 10/17/2006 9:30:00 AM | | ☐ |
| 105764 | 06100738-11 | Soil | 10/11/2006 | 10/17/2006 9:30:00 AM | | ☐ |
| 105765 | 06100738-12 | Soil | 10/11/2006 | 10/17/2006 9:30:00 AM | | ☐ |

10/20/2006

Bernadette Fini
Customer Service Manager

Date

Joel Grice
Laboratory Director

Ted Yen
Quality Assurance Officer

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8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

**Client Sample ID:** 105754 **Collected:** 10/10/2006 0:00 **SPL Sample ID:** 06100738-01

**Site:** **Lubbock, Texas**

| Analyses/Method | Result | QUAL | Rep.Limit | Dil. Factor | Date Analyzed | Analyst | Seq. # |
|---|---|---|---|---|---|---|---|
| **SEMIVOLATILE HYDROCARBONS - GLYCOL** | | | **MCL** | **SW8015B** | **Units: mg/kg** | | |
| Ethylene Glycol | ND | | 10 | 1 | 10/18/06 11:10 | MNR | 3499814 |
| Surr: Isobutanol | 102 | | % 50-150 | 1 | 10/18/06 11:10 | MNR | 3499814 |

| Prep Method | Prep Date | Prep Initials | Prep Factor |
|---|---|---|---|
| SW3550B | 10/17/2006 14:52 | VTX | 1.00 |

**Qualifiers:**

ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

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**Client Sample ID:** 105755 **Collected:** 10/10/2006 0:00 **SPL Sample ID:** 06100738-02

**Site:** Lubbock, Texas

| Analyses/Method | Result | QUAL | Rep.Limit | Dil. Factor | Date Analyzed | Analyst | Seq. # |
|---|---|---|---|---|---|---|---|
| **SEMIVOLATILE HYDROCARBONS - GLYCOL** | | | **MCL** | **SW8015B** | **Units: mg/kg** | | |
| Ethylene Glycol | ND | | 10 | 1 | 10/18/06 12:21 | MNR | 3499817 |
| Surr: Isobutanol | 102 | | % 50-150 | 1 | 10/18/06 12:21 | MNR | 3499817 |

| Prep Method | Prep Date | Prep Initials | Prep Factor |
|---|---|---|---|
| SW3550B | 10/17/2006 14:52 | VTX | 1.00 |

**Qualifiers:**

ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

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(713) 660-0901

**Client Sample ID:** 105756 **Collected:** 10/10/2006 0:00 **SPL Sample ID:** 06100738-03

**Site:** **Lubbock, Texas**

| Analyses/Method | Result | QUAL | Rep.Limit | Dil. Factor | Date Analyzed | Analyst | Seq. # |
|---|---|---|---|---|---|---|---|
| **SEMIVOLATILE HYDROCARBONS - GLYCOL** | | | **MCL** | **SW8015B** | **Units: mg/kg** | | |
| Ethylene Glycol | ND | | 10 | 1 | 10/18/06 12:45 | MNR | 3499818 |
| Surr: Isobutanol | 101 | | % 50-150 | 1 | 10/18/06 12:45 | MNR | 3499818 |

| Prep Method | Prep Date | Prep Initials | Prep Factor |
|---|---|---|---|
| SW3550B | 10/17/2006 14:52 | VTX | 1.00 |

**Qualifiers:**

ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
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**Client Sample ID:** 105757 **Collected:** 10/10/2006 0:00 **SPL Sample ID:** 06100738-04

**Site:** **Lubbock, Texas**

| Analyses/Method | Result | QUAL | Rep.Limit | Dil. Factor | Date Analyzed | Analyst | Seq. # |
|---|---|---|---|---|---|---|---|
| **SEMIVOLATILE HYDROCARBONS - GLYCOL** | | | **MCL** | **SW8015B** | **Units: mg/kg** | | |
| Ethylene Glycol | ND | | 10 | 1 | 10/18/06 13:08 | MNR | 3499819 |
| Surr: Isobutanol | 103 | | % 50-150 | 1 | 10/18/06 13:08 | MNR | 3499819 |

| Prep Method | Prep Date | Prep Initials | Prep Factor |
|---|---|---|---|
| SW3550B | 10/17/2006 14:52 | VTX | 1.00 |

**Qualifiers:**

ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

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**Client Sample ID:** 105758 **Collected:** 10/10/2006 0:00 **SPL Sample ID:** 06100738-05

**Site:** Lubbock, Texas

| Analyses/Method | Result | QUAL | Rep.Limit | Dil. Factor | Date Analyzed | Analyst | Seq. # |
|---|---|---|---|---|---|---|---|
| **SEMIVOLATILE HYDROCARBONS - GLYCOL** | | | **MCL** | **SW8015B** | **Units: mg/kg** | | |
| Ethylene Glycol | ND | | 10 | 1 | 10/18/06 13:32 | MNR | 3499820 |
| Surr: Isobutanol | 104 | | % 50-150 | 1 | 10/18/06 13:32 | MNR | 3499820 |

| Prep Method | Prep Date | Prep Initials | Prep Factor |
|---|---|---|---|
| SW3550B | 10/17/2006 14:52 | VTX | 1.00 |

**Qualifiers:**

ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
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**Client Sample ID:** 105759 **Collected:** 10/11/2006 0:00 **SPL Sample ID:** 06100738-06

**Site:** **Lubbock, Texas**

| Analyses/Method | Result | QUAL | Rep.Limit | Dil. Factor | Date Analyzed | Analyst | Seq. # |
|---|---|---|---|---|---|---|---|
| **SEMIVOLATILE HYDROCARBONS - GLYCOL** | | | **MCL** | **SW8015B** | **Units: mg/kg** | | |
| Ethylene Glycol | ND | | 10 | 1 | 10/18/06 13:56 | MNR | 3499821 |
| Surr: Isobutanol | 97.8 | | % 50-150 | 1 | 10/18/06 13:56 | MNR | 3499821 |

| Prep Method | Prep Date | Prep Initials | Prep Factor |
|---|---|---|---|
| SW3550B | 10/17/2006 14:52 | VTX | 1.00 |

**Qualifiers:**

ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

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**Client Sample ID:** 105760 **Collected:** 10/11/2006 0:00 **SPL Sample ID:** 06100738-07

**Site:** **Lubbock, Texas**

| Analyses/Method | Result | QUAL | Rep.Limit | Dil. Factor | Date Analyzed | Analyst | Seq. # |
|---|---|---|---|---|---|---|---|
| **SEMIVOLATILE HYDROCARBONS - GLYCOL** | | | **MCL** | **SW8015B** | **Units: mg/kg** | | |
| Ethylene Glycol | ND | | 10 | 1 | 10/18/06 16:04 | MNR | 3499823 |
| Surr: Isobutanol | 100 | | % 50-150 | 1 | 10/18/06 16:04 | MNR | 3499823 |

| Prep Method | Prep Date | Prep Initials | Prep Factor |
|---|---|---|---|
| SW3550B | 10/17/2006 14:52 | VTX | 1.00 |

**Qualifiers:**

ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

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**Client Sample ID:** 105761 **Collected:** 10/11/2006 0:00 **SPL Sample ID:** 06100738-08

**Site:** **Lubbock, Texas**

| Analyses/Method | Result | QUAL | Rep.Limit | | Dil. Factor | Date Analyzed | Analyst | Seq. # |
|---|---|---|---|---|---|---|---|---|
| **SEMIVOLATILE HYDROCARBONS - GLYCOL** | | | | **MCL** | **SW8015B** | **Units: mg/kg** | | |
| Ethylene Glycol | ND | | 10 | | 1 | 10/18/06 16:28 | MNR | 3499824 |
| Surr: Isobutanol | 101 | | % 50-150 | | 1 | 10/18/06 16:28 | MNR | 3499824 |

| Prep Method | Prep Date | Prep Initials | Prep Factor |
|---|---|---|---|
| SW3550B | 10/17/2006 14:52 | VTX | 1.00 |

**Qualifiers:**

ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

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**Client Sample ID:** 105762 **Collected:** 10/11/2006 0:00 **SPL Sample ID:** 06100738-09

**Site:** **Lubbock, Texas**

| Analyses/Method | Result | QUAL | Rep.Limit | | Dil. Factor | Date Analyzed | Analyst | Seq. # |
|---|---|---|---|---|---|---|---|---|
| **SEMIVOLATILE HYDROCARBONS - GLYCOL** | | | | **MCL** | **SW8015B** | **Units: mg/kg** | | |
| Ethylene Glycol | ND | | 10 | | 1 | 10/18/06 16:51 | MNR | 3499825 |
| Surr: Isobutanol | 104 | | % 50-150 | | 1 | 10/18/06 16:51 | MNR | 3499825 |

| Prep Method | Prep Date | Prep Initials | Prep Factor |
|---|---|---|---|
| SW3550B | 10/17/2006 14:52 | VTX | 1.00 |

**Qualifiers:**

ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

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**Client Sample ID:** 105763 **Collected:** 10/11/2006 0:00 **SPL Sample ID:** 06100738-10

**Site:** Lubbock, Texas

| Analyses/Method | Result | QUAL | Rep.Limit | Dil. Factor | Date Analyzed | Analyst | Seq. # |
|---|---|---|---|---|---|---|---|
| **SEMIVOLATILE HYDROCARBONS - GLYCOL** | | | **MCL** | **SW8015B** | **Units: mg/kg** | | |
| Ethylene Glycol | ND | | 10 | 1 | 10/18/06 17:15 | MNR | 3499826 |
| Surr: Isobutanol | 101 | | % 50-150 | 1 | 10/18/06 17:15 | MNR | 3499826 |

| Prep Method | Prep Date | Prep Initials | Prep Factor |
|---|---|---|---|
| SW3550B | 10/17/2006 14:52 | VTX | 1.00 |

**Qualifiers:**

ND/U - Not Detected at the Reporting Limit
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* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
TNTC - Too numerous to count
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HOUSTON, TX 77054
(713) 660-0901

**Client Sample ID:** 105764 **Collected:** 10/11/2006 0:00 **SPL Sample ID:** 06100738-11

**Site:** **Lubbock, Texas**

| Analyses/Method | Result | QUAL | Rep.Limit | Dil. Factor | Date Analyzed | Analyst | Seq. # |
|---|---|---|---|---|---|---|---|
| **SEMIVOLATILE HYDROCARBONS - GLYCOL** | | | **MCL** | **SW8015B** | **Units: mg/kg** | | |
| Ethylene Glycol | ND | | 10 | 1 | 10/18/06 17:38 | MNR | 3499827 |
| Surr: Isobutanol | 102 | | % 50-150 | 1 | 10/18/06 17:38 | MNR | 3499827 |

| Prep Method | Prep Date | Prep Initials | Prep Factor |
|---|---|---|---|
| SW3550B | 10/17/2006 14:52 | VTX | 1.00 |

**Qualifiers:**

ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

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HOUSTON, TX 77054
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**Client Sample ID:** 105765 **Collected:** 10/11/2006 0:00 **SPL Sample ID:** 06100738-12

**Site:** Lubbock, Texas

| Analyses/Method | Result | QUAL | Rep.Limit | | Dil. Factor | Date Analyzed | Analyst | Seq. # |
|---|---|---|---|---|---|---|---|---|
| **SEMIVOLATILE HYDROCARBONS - GLYCOL** | | | | **MCL** | **SW8015B** | **Units: mg/kg** | | |
| Ethylene Glycol | ND | | 10 | | 1 | 10/18/06 18:02 | MNR | 3499828 |
| Surr: Isobutanol | 99.4 | | % 50-150 | | 1 | 10/18/06 18:02 | MNR | 3499828 |

| Prep Method | Prep Date | Prep Initials | Prep Factor |
|---|---|---|---|
| SW3550B | 10/17/2006 14:52 | VTX | 1.00 |

**Qualifiers:**

ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

# *Quality Control Documentation*

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

# Quality Control Report

## Trace Analysis, Inc.

Trace Analysis

**Analysis:** Semivolatile Hydrocarbons - Glycol
**Method:** SW8015B
**WorkOrder:** 06100738
**Lab Batch ID:** 61251

### Method Blank

RunID: HP_T_061018A-3499813 Units: mg/kg
Analysis Date: 10/18/2006 10:47 Analyst: MNR
Preparation Date: 10/17/2006 14:52 Prep By: VTX Method SW3550B

| Analyte | Result | Rep Limit |
|---|---|---|
| Ethylene Glycol | ND | 10 |
| Surr: Isobutanol | 108.4 | 50-150 |

**Samples in Analytical Batch:**

| Lab Sample ID | Client Sample ID |
|---|---|
| 06100738-01A | 105754 |
| 06100738-02A | 105755 |
| 06100738-03A | 105756 |
| 06100738-04A | 105757 |
| 06100738-05A | 105758 |
| 06100738-06A | 105759 |
| 06100738-07A | 105760 |
| 06100738-08A | 105761 |
| 06100738-09A | 105762 |
| 06100738-10A | 105763 |
| 06100738-11A | 105764 |
| 06100738-12A | 105765 |

### Laboratory Control Sample (LCS)

RunID: HP_T_061018A-3499812 Units: mg/kg
Analysis Date: 10/18/2006 10:23 Analyst: MNR
Preparation Date: 10/17/2006 14:52 Prep By: VTX Method SW3550B

| Analyte | Spike Added | Result | Percent Recovery | Lower Limit | Upper Limit |
|---|---|---|---|---|---|
| Ethylene Glycol | 400 | 384 | 95.9 | 50 | 150 |

### Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 06100738-01
RunID: HP_T_061018A-3499815 Units: mg/kg
Analysis Date: 10/18/2006 11:34 Analyst: MNR
Preparation Date: 10/17/2006 14:52 Prep By: VTX Method SW3550B

| Analyte | Sample Result | MS Spike Added | MS Result | MS % Recovery | MSD Spike Added | MSD Result | MSD % Recovery | RPD | RPD Limit | Low Limit | High Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ethylene Glycol | ND | 400 | 322 | 80.5 | 400 | 326 | 81.5 | 1.21 | 30 | 50 | 150 |

**Qualifiers:**
ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.

*Sample Receipt Checklist*

*And*

*Chain of Custody*

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

# Sample Receipt Checklist

| | | | |
|---|---|---|---|
| Workorder: | 06100738 | Received By: | NB |
| Date and Time Received: | 10/17/2006 9:30:00 AM | Carrier name: | Courier |
| Temperature: | 1.5°C | Chilled by: | Water Ice |

| | | | | |
|---|---|---|---|---|
| 1. | Shipping container/cooler in good condition? | Yes ☑ | No ☐ | Not Present ☐ |
| 2. | Custody seals intact on shippping container/cooler? | Yes ☐ | No ☐ | Not Present ☑ |
| 3. | Custody seals intact on sample bottles? | Yes ☐ | No ☐ | Not Present ☑ |
| 4. | Chain of custody present? | Yes ☑ | No ☐ | |
| 5. | Chain of custody signed when relinquished and received? | Yes ☑ | No ☐ | |
| 6. | Chain of custody agrees with sample labels?<br>1.Sample ID: 105765 has a collection date of 1-11-06 on chain of custody. The container has collection date of 10-11-06. | Yes ☐ | No ☑ | |
| 7. | Samples in proper container/bottle? | Yes ☑ | No ☐ | |
| 8. | Sample containers intact? | Yes ☑ | No ☐ | |
| 9. | Sufficient sample volume for indicated test? | Yes ☑ | No ☐ | |
| 10. | All samples received within holding time? | Yes ☑ | No ☐ | |
| 11. | Container/Temp Blank temperature in compliance? | Yes ☑ | No ☐ | |
| 12. | Water - VOA vials have zero headspace? | Yes ☐ | No ☐ | VOA Vials Not Present ☑ |
| 13. | Water - Preservation checked upon receipt (except VOA*)? | Yes ☐ | No ☐ | Not Applicable ☑ |

*VOA Preservation Checked After Sample Analysis

SPL Representative: Brown, Electa
Contact Date & Time: 10/18/2006 9:53:00 AM
Client Name Contacted: Neil Green

Non Conformance Issues:

Client Instructions: 1. Per client the correct collection date is 10-11-06, disregard what is written on chain of custody.

06100738

8911 Aberdeen Avenue, Ste. 9
Lubbock, Texas 79424
Tel (806) 794-1296
Fax (806) 794-1298
1 (800) 378-1296
email: lab@traceanalysis.com

# TraceAnalysis, Inc.

155 McCoulloch, Suite H
El Paso, Texas 79932
Tel (915) 585-3443
Fax (915) 585-4944
1 (888) 588-3443

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID #:

Company Name: Phone #:

Address: (Street, City, Zip) Fax #:

Contact Person: Nell Green E-mail:

Invoice to:
(If different from above)

Project #: Project Name:

Project Location (including state): Sampler Signature:

### ANALYSIS REQUEST
### (Circle or Specify Method No.)

| LAB # (LAB USE ONLY) | FIELD CODE | # CONTAINERS | Volume / Amount | MATRIX: WATER | MATRIX: SOIL | MATRIX: AIR | MATRIX: SLUDGE | PRESERVATIVE METHOD: HCl | HNO3 | H2SO4 | NaOH | ICE | NONE | SAMPLING DATE | TIME | MTBE 602/8021B / 602 / 8260B / 624 | BTEX 602/8021B / 602 / 8260B / 624 | TPH 418.1 / TX1005 / TX1006 Ext(C35) | TPH 8015 GRO / DRO / TVHC | PAH 8270C / 625 | Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7 | TCLP Metals Ag As Ba Cd Cr Pb Se Hg | TCLP Volatiles | TCLP Semi Volatiles | TCLP Pesticides | RCI | GC/MS Vol. 8260B / 624 | GC/MS Semi Vol. 8270C / 625 | PCB's 8082 / 608 | Pesticides 8081A / 608 | BOD, TSS, pH | Moisture Content | Diesel Extract Hydrocarbons | Ethylene Glycol | | | Turn Around Time if different from standard | Rush |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 105754 | 1 | | | ✓ | | | | | | | ✓ | | 10-10-04 | | | | | | | | | | | | | | | | | | | X | X | | | | |
| | 105755 | 1 | | | ✓ | | | | | | | ✓ | | | | | | | | | | | | | | | | | | | | | X | X | | | | |
| | 105756 | 1 | | | ✓ | | | | | | | ✓ | | | | | | | | | | | | | | | | | | | | | X | X | | | | |
| | 105757 | 1 | | | ✓ | | | | | | | ✓ | | | | | | | | | | | | | | | | | | | | | X | X | | | | |
| | 105758 | 1 | | | ✓ | | | | | | | ✓ | | | | | | | | | | | | | | | | | | | | | X | X | | | | |
| | 105759 | 1 | | | ✓ | | | | | | | ✓ | | 10-11-04 | | | | | | | | | | | | | | | | | | | X | X | | | | |
| | 105760 | 1 | | | ✓ | | | | | | | ✓ | | | | | | | | | | | | | | | | | | | | | X | X | | | | |
| | 105761 | 1 | | | ✓ | | | | | | | ✓ | | | | | | | | | | | | | | | | | | | | | X | X | | | | |
| | 105762 | 1 | | | ✓ | | | | | | | ✓ | | | | | | | | | | | | | | | | | | | | | X | X | | | | |
| | 105763 | 1 | | | ✓ | | | | | | | ✓ | | | | | | | | | | | | | | | | | | | | | X | X | | | | |
| | 105764 | 1 | | | ✓ | | | | | | | ✓ | | | | | | | | | | | | | | | | | | | | | X | X | | | | |

| Relinquished by: | Date: | Time: | Received by: | Date: | Time: |
|---|---|---|---|---|---|
| [illegible] | 10- | | | | |
| Relinquished by: | Date: | Time: | Received by: | Date: | Time: |
| Relinquished by: | Date: | Time: | Received at Laboratory by: [illegible] | Date: 10/12/04 | Time: [illegible] |

LAB USE ONLY
Intact: Y N
Receivable: [illegible]
Temp: 1.5
Cool in Hand: [illegible]

REMARKS:

☐ Dry Weight Basis Required
☐ TRRP Report Required
☐ Check if Special Reporting Limits Are Needed

Cooler #

Submittal of samples constitutes agreement to Terms and Conditions listed on reverse side of C. O. C.

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06100738

5701 Aberdeen Avenue, Ste. 9
Lubbock, Texas 79424
Tel (806) 794-1296
Fax (806) 794-1298
1 (800) 378-1296
email: lab@traceanalysis.com

# TraceAnalysis, Inc.

155 McCombs, Suite F
El Paso, Texas 79932
Tel (915) 585-3443
Fax (915) 585-4944
1 (888) 588-3443

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID #:

Company Name: Phone #:

Address: (Street, City, Zip) Fax #:

Contact Person: Neil Green E-mail:

Invoice to:
(If different from above)

Project #: Project Name:

Project Location (including state): Sampler Signature:

ANALYSIS REQUEST
(Circle or Specify Method No.)

| LAB # (LAB USE ONLY) | FIELD CODE | # CONTAINERS | Volume / Amount | MATRIX: WATER | MATRIX: SOIL | MATRIX: AIR | MATRIX: SLUDGE | PRESERVATIVE METHOD: HC | PRESERVATIVE METHOD: $HNO_3$ | PRESERVATIVE METHOD: $H_2SO_4$ | PRESERVATIVE METHOD: NaOH | PRESERVATIVE METHOD: ICE | PRESERVATIVE METHOD: NONE | SAMPLING: DATE | SAMPLING: TIME | MTBE 8021B / 602 / 8260B / 624 | BTEX 8021B / 602 / 8260B / 624 | TPH 418.1 / TX1005 / TX1005 Ext(C35) | TPH 8015 GRO / DRO / TVHC | PAH 8270C / 625 | Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/7000 | TCLP Metals Ag As Ba Cd Cr Pb Se Hg | TCLP Volatiles | TCLP Semi Volatiles | TCLP Pesticides | RCI | GC/MS Vol. 8260B / 624 | GC/MS Semi Vol. 8270C / 625 | PCBs 8082 / 608 | Pesticides 8081A / 608 | BOD, TSS, pH | Moisture Content | X-Direct Inject Alcohols Per Ethylene Glycol SW 8015 B | | Turn Around Time if different from standard | Hold |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 105765 | 1 | | | ✓ | | | | | | | ✓ | | 1-11-06 | | | | | | | | | | | | | | | | | | | | | | | |

Relinquished by: Date: Time: Received by: Date: Time:

Relinquished by: Date: Time: Received by: Date: Time:

Relinquished by: Date: Time: Received at Laboratory by: Date: Time:

LAB USE ONLY
Intact: Y N
Headspace: Y N
Temp: 15°C
Log-in Rev.:

REMARKS:

☐ Dry Weight Basis Required
☐ TRRP Report Required
☐ Check if Special Reporting Limits Are Needed

Carrier #:

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