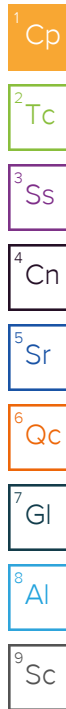




ANALYTICAL REPORT

June 11, 2025

Revised Report



CTEH - ER

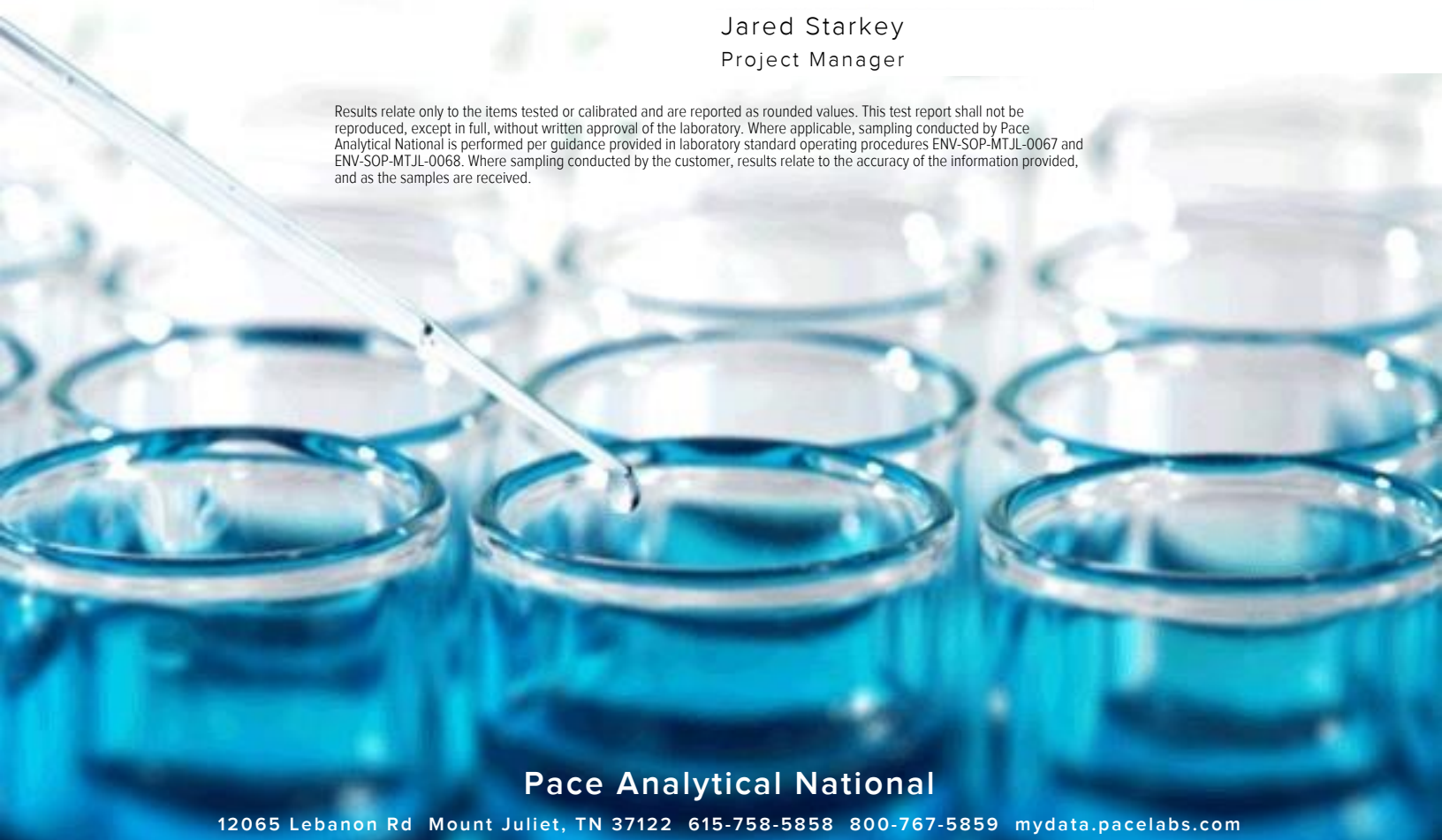
Sample Delivery Group: L1857695
Samples Received: 05/11/2025
Project Number: PROJ-054017
Description: Bishop Loss of Containment Incident

Report To: CTEH
5120 North Shore Drive
North Little Rock, AR 72118

Entire Report Reviewed By:

Jared Starkey
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.



Pace Analytical National

12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 mydata.pacelabs.com

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¹ Cp
² Tc
³ Ss
⁴ Cn
⁵ Sr
⁶ Qc
⁷ Gl
⁸ Al
⁹ Sc

SAMPLE SUMMARY

GACO0510T152S001 L1857695-01

Collected by Daniel Crawford
Collected date/time 05/10/25 08:22
Received date/time 05/11/25 10:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2512503	1	05/11/25 14:52	05/12/25 11:48	KMB	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2512445	1	05/11/25 12:26	05/11/25 12:38	CMB	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2512304	1	05/12/25 00:21	05/12/25 01:52	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2512302	5	05/11/25 20:34	05/12/25 11:48	KMB	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2512503	1	05/11/25 14:52	05/11/25 16:57	DLH	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2512864	5	05/13/25 13:00	05/13/25 17:58	PAN	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2512493	1	05/11/25 13:53	05/11/25 15:46	MAP	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2512491	1	05/11/25 12:58	05/11/25 15:00	WHS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2512494	1	05/11/25 13:59	05/11/25 17:12	HLA	Mt. Juliet, TN

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

GACO0510T152S002 L1857695-02

Collected by Daniel Crawford
Collected date/time 05/10/25 08:42
Received date/time 05/11/25 10:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2512503	1	05/11/25 14:52	05/12/25 11:49	KMB	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2512445	1	05/11/25 12:26	05/11/25 12:38	CMB	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2512304	1	05/12/25 00:21	05/12/25 01:54	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2512302	5	05/11/25 20:34	05/12/25 11:49	KMB	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2512503	1	05/11/25 14:52	05/11/25 17:13	DLH	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2512864	5	05/13/25 13:00	05/13/25 17:59	PAN	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2512493	1	05/11/25 13:53	05/11/25 15:48	MAP	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2512491	1	05/11/25 12:58	05/11/25 15:20	WHS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2512494	1	05/11/25 13:59	05/11/25 17:33	HLA	Mt. Juliet, TN

GACO0510T152S003 L1857695-03

Collected by Daniel Crawford
Collected date/time 05/10/25 09:00
Received date/time 05/11/25 10:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2512503	1	05/11/25 14:52	05/12/25 11:49	KMB	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2512445	1	05/11/25 12:26	05/11/25 12:38	CMB	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2512304	1	05/12/25 00:21	05/12/25 01:55	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2512302	5	05/11/25 20:34	05/12/25 11:49	KMB	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2512503	1	05/11/25 14:52	05/11/25 17:29	DLH	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2512864	5	05/13/25 13:00	05/13/25 18:00	PAN	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2512493	1	05/11/25 13:53	05/11/25 15:49	MAP	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2512491	1	05/11/25 12:58	05/11/25 15:40	WHS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2512494	1	05/11/25 13:59	05/11/25 17:53	HLA	Mt. Juliet, TN

GACO0510T152T002 L1857695-04

Collected by Daniel Crawford
Collected date/time 05/10/25 07:00
Received date/time 05/11/25 10:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2512487	1	05/11/25 14:37	05/11/25 14:37	WHS	Mt. Juliet, TN

GACO0510T152S004 L1857695-05

Collected by Daniel Crawford
Collected date/time 05/10/25 08:30
Received date/time 05/11/25 10:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2512503	1	05/11/25 14:52	05/12/25 11:51	KMB	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2512445	1	05/11/25 12:26	05/11/25 12:38	CMB	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2512304	1	05/12/25 00:21	05/12/25 01:57	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2512302	5	05/11/25 20:34	05/12/25 11:51	KMB	Mt. Juliet, TN

SAMPLE SUMMARY

GACO0510T152S004 L1857695-05

Collected by Daniel Crawford
Collected date/time 05/10/25 08:30
Received date/time 05/11/25 10:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2512503	1.01	05/11/25 14:52	05/11/25 17:46	DLH	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2512864	5	05/13/25 13:00	05/13/25 18:01	PAN	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2512493	1	05/11/25 13:53	05/11/25 15:37	MAP	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2512491	1	05/11/25 12:58	05/11/25 18:56	WHS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2512494	1	05/11/25 13:59	05/11/25 18:14	HLA	Mt. Juliet, TN



GACO0510T152T003 L1857695-06

Collected by Daniel Crawford
Collected date/time 05/10/25 07:00
Received date/time 05/11/25 10:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2512487	1	05/11/25 14:59	05/11/25 14:59	WHS	Mt. Juliet, TN



GACO0510T152S005 L1857695-07

Collected by Daniel Crawford
Collected date/time 05/10/25 08:20
Received date/time 05/11/25 10:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2512503	1	05/11/25 14:52	05/12/25 12:53	KMB	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2512445	1	05/11/25 12:26	05/11/25 12:38	CMB	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2512500	1	05/12/25 00:29	05/12/25 02:49	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2512496	5	05/11/25 20:34	05/12/25 12:53	KMB	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2512503	1	05/11/25 14:52	05/11/25 18:31	DLH	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2512864	4	05/13/25 13:00	05/13/25 18:03	PAN	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2512493	1	05/11/25 13:53	05/11/25 15:54	MAP	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2512491	1	05/11/25 12:58	05/11/25 16:00	WHS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2512494	1	05/11/25 13:59	05/11/25 19:15	HLA	Mt. Juliet, TN



GACO0510T152S006 L1857695-08

Collected by Daniel Crawford
Collected date/time 05/10/25 08:40
Received date/time 05/11/25 10:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2512503	1	05/11/25 14:52	05/12/25 12:54	KMB	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2512445	1	05/11/25 12:26	05/11/25 12:38	CMB	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2512500	1	05/12/25 00:29	05/12/25 02:51	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2512496	5	05/11/25 20:34	05/12/25 12:54	KMB	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2512503	1.02	05/11/25 14:52	05/11/25 19:07	DLH	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2512864	5	05/13/25 13:00	05/13/25 18:03	PAN	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2512493	1	05/11/25 13:53	05/11/25 15:56	MAP	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2512491	1	05/11/25 12:58	05/11/25 16:19	WHS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2512494	1	05/11/25 13:59	05/11/25 19:35	HLA	Mt. Juliet, TN

GACO0510T152S007 L1857695-09

Collected by Daniel Crawford
Collected date/time 05/10/25 09:00
Received date/time 05/11/25 10:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2512503	1	05/11/25 14:52	05/12/25 12:54	KMB	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2512445	1	05/11/25 12:26	05/11/25 12:38	CMB	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2512500	1	05/12/25 00:29	05/12/25 02:52	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2512496	5	05/11/25 20:34	05/12/25 12:54	KMB	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2512503	1.01	05/11/25 14:52	05/11/25 19:24	DLH	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2512864	5	05/13/25 13:00	05/13/25 18:04	PAN	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2512493	1	05/11/25 13:53	05/11/25 15:58	MAP	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2512491	1	05/11/25 12:58	05/11/25 16:39	WHS	Mt. Juliet, TN

SAMPLE SUMMARY

GACO0510T152S007 L1857695-09

Collected by Daniel Crawford
Collected date/time 05/10/25 09:00
Received date/time 05/11/25 10:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2512494	1	05/11/25 13:59	05/11/25 19:56	HLA	Mt. Juliet, TN

¹ Cp

² Tc

³ Ss

GACO0510T152T005 L1857695-10

Collected by Daniel Crawford
Collected date/time 05/10/25 07:00
Received date/time 05/11/25 10:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2512487	1	05/11/25 15:22	05/11/25 15:22	WHS	Mt. Juliet, TN

⁴ Cn

⁵ Sr

GACO0510T152S008 L1857695-11

Collected by Daniel Crawford
Collected date/time 05/10/25 08:10
Received date/time 05/11/25 10:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2512503	1	05/11/25 14:52	05/12/25 12:59	KMB	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2512445	1	05/11/25 12:26	05/11/25 12:38	CMB	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2512500	1	05/12/25 00:29	05/12/25 02:58	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2512496	5	05/11/25 20:34	05/12/25 12:59	KMB	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2512503	1	05/11/25 14:52	05/11/25 19:40	DLH	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2512864	5	05/13/25 13:00	05/13/25 18:06	PAN	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2512493	1	05/11/25 13:53	05/11/25 15:59	MAP	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2512491	1	05/11/25 12:58	05/11/25 16:58	WHS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2512494	1	05/11/25 13:59	05/11/25 20:16	HLA	Mt. Juliet, TN

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

GACO0510T152S009 L1857695-12

Collected by Daniel Crawford
Collected date/time 05/10/25 08:35
Received date/time 05/11/25 10:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2512503	1	05/11/25 14:52	05/12/25 12:59	KMB	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2512445	1	05/11/25 12:26	05/11/25 12:38	CMB	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2512500	1	05/12/25 00:29	05/12/25 03:00	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2512496	5	05/11/25 20:34	05/12/25 12:59	KMB	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2512503	1	05/11/25 14:52	05/11/25 19:56	DLH	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2512864	5	05/13/25 13:00	05/13/25 18:07	PAN	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2512493	1	05/11/25 13:53	05/11/25 16:01	MAP	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2512491	1	05/11/25 12:58	05/11/25 17:18	WHS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2512494	1	05/11/25 13:59	05/11/25 20:37	HLA	Mt. Juliet, TN

GACO0510T152C008 L1857695-13

Collected by Daniel Crawford
Collected date/time 05/10/25 08:10
Received date/time 05/11/25 10:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2512503	1	05/11/25 14:52	05/12/25 13:01	KMB	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2512445	1	05/11/25 12:26	05/11/25 12:38	CMB	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2512500	1	05/12/25 00:29	05/12/25 03:01	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2512496	5	05/11/25 20:34	05/12/25 13:01	KMB	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2512503	1.05	05/11/25 14:52	05/11/25 20:12	DLH	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2512864	5	05/13/25 13:00	05/13/25 18:08	PAN	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2512493	1	05/11/25 13:53	05/11/25 16:03	MAP	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2512491	1	05/11/25 12:58	05/11/25 17:38	WHS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2512494	1	05/11/25 13:59	05/11/25 20:57	HLA	Mt. Juliet, TN

SAMPLE SUMMARY

GACO0510T152T007 L1857695-14

Collected by
Daniel Crawford

Collected date/time
05/10/25 07:00

Received date/time
05/11/25 10:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2512487	1	05/11/25 15:44	05/11/25 15:44	WHS	Mt. Juliet, TN

GACO0510T152S010 L1857695-15

Collected by
Daniel Crawford

Collected date/time
05/10/25 08:30

Received date/time
05/11/25 10:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2512503	1	05/11/25 14:52	05/12/25 13:02	KMB	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2512446	1	05/11/25 12:38	05/11/25 12:49	CMB	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2512500	1	05/12/25 00:29	05/12/25 03:03	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2512496	5	05/11/25 20:34	05/12/25 13:02	KMB	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2512503	1	05/11/25 14:52	05/11/25 21:01	DLH	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2512864	4	05/13/25 13:00	05/13/25 18:08	PAN	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2512493	1	05/11/25 13:53	05/11/25 16:04	MAP	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2512491	1	05/11/25 12:58	05/11/25 17:57	WHS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2512494	1	05/11/25 13:59	05/11/25 21:17	HLA	Mt. Juliet, TN

GACO0510T152S011 L1857695-16

Collected by
Daniel Crawford

Collected date/time
05/10/25 08:45

Received date/time
05/11/25 10:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2512503	1	05/11/25 14:52	05/12/25 13:04	KMB	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2512446	1	05/11/25 12:38	05/11/25 12:49	CMB	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2512500	1	05/12/25 00:29	05/12/25 03:04	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2512496	5	05/11/25 20:34	05/12/25 13:04	KMB	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2512503	1.01	05/11/25 14:52	05/11/25 21:18	DLH	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2512864	5	05/13/25 13:00	05/13/25 18:08	PAN	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2512493	1	05/11/25 13:53	05/11/25 16:06	MAP	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2512491	1	05/11/25 12:58	05/11/25 18:17	WHS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2512494	1	05/11/25 13:59	05/11/25 21:38	HLA	Mt. Juliet, TN

GACO0510T152S012 L1857695-17

Collected by
Daniel Crawford

Collected date/time
05/10/25 08:55

Received date/time
05/11/25 10:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2512503	1	05/11/25 14:52	05/12/25 13:06	KMB	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2512446	1	05/11/25 12:38	05/11/25 12:49	CMB	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2512500	1	05/12/25 00:29	05/12/25 03:06	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2512496	5	05/11/25 20:34	05/12/25 13:06	KMB	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2512503	1.03	05/11/25 14:52	05/11/25 21:34	DLH	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2512864	5	05/13/25 13:00	05/13/25 18:09	PAN	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2512493	1	05/11/25 13:53	05/11/25 16:08	MAP	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2512491	1	05/11/25 12:58	05/11/25 18:36	WHS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2512494	1	05/11/25 13:59	05/11/25 21:58	HLA	Mt. Juliet, TN

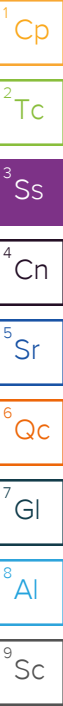
GACO0510T152T009 L1857695-18

Collected by
Daniel Crawford

Collected date/time
05/10/25 07:00

Received date/time
05/11/25 10:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2512487	1	05/11/25 16:07	05/11/25 16:07	WHS	Mt. Juliet, TN



CASE NARRATIVE

Unless qualified or notated within the narrative below, all sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Jared Starkey
Project Manager

Report Revision History

Level II Report - Version 1: 05/13/25 21:28

Project Comments

Revised sample ID -08

Wet Chemistry by Method 4500NOrg D-2021

The sample concentration is too high to evaluate accurate spike recoveries.

Batch	Lab Sample ID	Analytes
WG2512302	(MS) R4213296-10	Kjeldahl Nitrogen, TKN
WG2512496	(MS) R4213373-5, (MS) R4213373-9, (MSD) R4213373-7	Kjeldahl Nitrogen, TKN

Wet Chemistry by Method WALKLEY-BLACK

The analyte concentration exceeds the upper limit of the calibration range of the instrument established by the initial calibration (ICAL).

Batch	Lab Sample ID	Analytes
WG2512864	(MS) R4214176-4	TOC By Walkley Black
WG2512864	(MSD) R4214176-5	TOC By Walkley Black

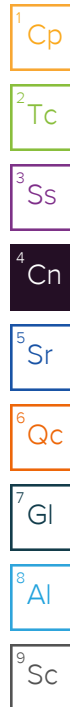
Metals (ICP) by Method 6010D

The sample matrix interfered with the ability to make any accurate determination; spike value is low.

Batch	Lab Sample ID	Analytes
WG2512493	(MSD) R4213032-6, L1857695-05	Aluminum and Manganese

The sample concentration is too high to evaluate accurate spike recoveries.

Batch	Lab Sample ID	Analytes
WG2512493	(MS) R4213032-5, (MSD) R4213032-6, L1857695-05	Calcium and Iron



CASE NARRATIVE

Metals (ICP) by Method 6010D

The sample matrix interfered with the ability to make any accurate determination; spike value is high.

Batch	Lab Sample ID	Analytes
WG2512493	(MS) R4213032-5, L1857695-05	Manganese

The associated batch QC was outside the established quality control range for precision.

Batch	Lab Sample ID	Analytes
WG2512493	(MSD) R4213032-6, L1857695-05	Calcium, Iron and Manganese

The analyte failed the method required serial dilution test and/or subsequent post-spike criteria. These failures indicate matrix interference.

Batch	Lab Sample ID	Analytes
WG2512493	L1857695-05	Calcium

Volatile Organic Compounds (GC/MS) by Method 8260D

The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Method sensitivity check is acceptable.

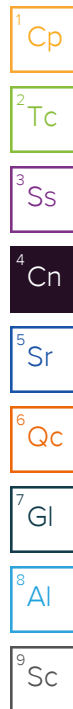
Batch	Lab Sample ID	Analytes
WG2512487	L1857695-04	1,2-Dibromo-3-Chloropropane, Bromoform, Bromomethane, Naphthalene and Styrene
WG2512487	L1857695-06	1,2-Dibromo-3-Chloropropane, Bromoform, Bromomethane, Naphthalene and Styrene
WG2512487	L1857695-10	1,2-Dibromo-3-Chloropropane, Bromoform, Bromomethane, Naphthalene and Styrene
WG2512487	L1857695-14	1,2-Dibromo-3-Chloropropane, Bromoform, Bromomethane, Naphthalene and Styrene
WG2512487	L1857695-18	1,2-Dibromo-3-Chloropropane, Bromoform, Bromomethane, Naphthalene and Styrene
WG2512491	L1857695-01	2,2-Dichloropropane, Acetone, Bromomethane, Chloroethane, Methylene Chloride and trans-1,2-Dichloroethene
WG2512491	L1857695-02	2,2-Dichloropropane, Acetone, Bromomethane, Chloroethane, Methylene Chloride and trans-1,2-Dichloroethene
WG2512491	L1857695-03	2,2-Dichloropropane, Acetone, Bromomethane, Chloroethane, Methylene Chloride and trans-1,2-Dichloroethene
WG2512491	L1857695-05	2,2-Dichloropropane, Acetone, Bromomethane, Chloroethane, Methylene Chloride and trans-1,2-Dichloroethene
WG2512491	L1857695-07	2,2-Dichloropropane, Acetone, Bromomethane, Chloroethane, Methylene Chloride and trans-1,2-Dichloroethene
WG2512491	L1857695-08	2,2-Dichloropropane, Acetone, Bromomethane, Chloroethane, Methylene Chloride and trans-1,2-Dichloroethene
WG2512491	L1857695-09	2,2-Dichloropropane, Acetone, Bromomethane, Chloroethane, Methylene Chloride and trans-1,2-Dichloroethene
WG2512491	L1857695-11	2,2-Dichloropropane, Acetone, Bromomethane, Chloroethane, Methylene Chloride and trans-1,2-Dichloroethene
WG2512491	L1857695-12	2,2-Dichloropropane, Acetone, Bromomethane, Chloroethane, Methylene Chloride and trans-1,2-Dichloroethene
WG2512491	L1857695-13	2,2-Dichloropropane, Acetone, Bromomethane, Chloroethane, Methylene Chloride and trans-1,2-Dichloroethene
WG2512491	L1857695-15	2,2-Dichloropropane, Acetone, Bromomethane, Chloroethane, Methylene Chloride and trans-1,2-Dichloroethene
WG2512491	L1857695-16	2,2-Dichloropropane, Acetone, Bromomethane, Chloroethane, Methylene Chloride and trans-1,2-Dichloroethene
WG2512491	L1857695-17	2,2-Dichloropropane, Acetone, Bromomethane, Chloroethane, Methylene Chloride and trans-1,2-Dichloroethene

The associated batch QC was below the established quality control range for accuracy.

Batch	Lab Sample ID	Analytes
WG2512487	(LCS) R4213113-1, L1857695-04, 06, 10, 14, 18	Styrene
WG2512491	(LCS) R4213092-1, (LCSD) R4213092-2, L1857695-01, 02, 03, 05, 07, 08, 09, 11, 12, 13, 15, 16, 17	2,2-Dichloropropane and Chloroethane

The associated batch QC was above the established quality control range for accuracy.

Batch	Lab Sample ID	Analytes
WG2512487	(LCS) R4213113-1, L1857695-04, 06, 10, 14, 18	Acrolein
WG2512491	(LCS) R4213092-1, (LCSD) R4213092-2, L1857695-01, 02, 03, 05, 07, 08, 09, 11, 12, 13, 15, 16, 17	4-Methyl-2-pentanone (MIBK)



CASE NARRATIVE

Volatile Organic Compounds (GC/MS) by Method 8260D

The associated batch QC was outside the established quality control range for precision.

Batch	Lab Sample ID	Analytes
WG2512487	(MSD) R4213113-4	Hexachloro-1,3-butadiene and Naphthalene
WG2512491	(MSD) R4213092-5, L1857695-05	1,1,2,2-Tetrachloroethane

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Method sensitivity check is acceptable.

Batch	Lab Sample ID	Analytes
WG2512494	L1857695-01	2,4-Dimethylphenol and Hexachlorocyclopentadiene
WG2512494	L1857695-02	2,4-Dimethylphenol and Hexachlorocyclopentadiene
WG2512494	L1857695-03	2,4-Dimethylphenol and Hexachlorocyclopentadiene
WG2512494	L1857695-05	2,4-Dimethylphenol and Hexachlorocyclopentadiene
WG2512494	L1857695-07	2,4-Dimethylphenol and Hexachlorocyclopentadiene
WG2512494	L1857695-08	2,4-Dimethylphenol and Hexachlorocyclopentadiene
WG2512494	L1857695-09	2,4-Dimethylphenol and Hexachlorocyclopentadiene
WG2512494	L1857695-11	2,4-Dimethylphenol and Hexachlorocyclopentadiene
WG2512494	L1857695-12	2,4-Dimethylphenol and Hexachlorocyclopentadiene
WG2512494	L1857695-13	2,4-Dimethylphenol and Hexachlorocyclopentadiene
WG2512494	L1857695-15	2,4-Dimethylphenol and Hexachlorocyclopentadiene
WG2512494	L1857695-16	2,4-Dimethylphenol and Hexachlorocyclopentadiene
WG2512494	L1857695-17	2,4-Dimethylphenol and Hexachlorocyclopentadiene

The initial calibration verification standard (SSCV) associated with this data responded high.

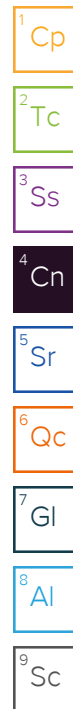
Batch	Lab Sample ID	Analytes
WG2512494	L1857695-01	Benzidine and Hexachlorocyclopentadiene
WG2512494	L1857695-02	Benzidine and Hexachlorocyclopentadiene
WG2512494	L1857695-03	Benzidine and Hexachlorocyclopentadiene
WG2512494	L1857695-05	Benzidine and Hexachlorocyclopentadiene
WG2512494	L1857695-07	Benzidine and Hexachlorocyclopentadiene
WG2512494	L1857695-08	Benzidine and Hexachlorocyclopentadiene
WG2512494	L1857695-09	Benzidine and Hexachlorocyclopentadiene
WG2512494	L1857695-11	Benzidine and Hexachlorocyclopentadiene
WG2512494	L1857695-12	Benzidine and Hexachlorocyclopentadiene
WG2512494	L1857695-13	Benzidine and Hexachlorocyclopentadiene
WG2512494	L1857695-15	Benzidine and Hexachlorocyclopentadiene
WG2512494	L1857695-16	Benzidine and Hexachlorocyclopentadiene
WG2512494	L1857695-17	Benzidine and Hexachlorocyclopentadiene

The sample matrix interfered with the ability to make any accurate determination; spike value is low.

Batch	Lab Sample ID	Analytes
WG2512494	(MS) R4213126-3, (MSD) R4213126-4, L1857695-05	Benzidine and Hexachlorocyclopentadiene

The associated batch QC was outside the established quality control range for precision.

Batch	Lab Sample ID	Analytes
WG2512494	(MSD) R4213126-4, L1857695-05	Hexachlorocyclopentadiene



Calculated Results

	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg		date / time	
Total Nitrogen	2050000		22900	1	05/12/2025 11:48	WG2512503

1
Cp

2
Tc

3
Ss

4
Cn

5
Sr

6
Qc

7
Gl

8
Al

9
Sc

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch
Analyte	%			date / time	
Total Solids	87.2		1	05/11/2025 12:38	WG2512445

Wet Chemistry by Method 350.1

	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg		date / time	
Ammonia Nitrogen	ND		11500	1	05/12/2025 01:52	WG2512304

Wet Chemistry by Method 4500NOrg D-2021

	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg		date / time	
Kjeldahl Nitrogen, TKN	2040000		115000	5	05/12/2025 11:48	WG2512302

Wet Chemistry by Method 9056A

	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg		date / time	
Nitrate-Nitrite	ND		22900	1	05/11/2025 16:57	WG2512503

Wet Chemistry by Method WALKLEY-BLACK

	Result	Qualifier	RDL	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg		date / time	
TOC By Walkley Black	28500000		500000	5	05/13/2025 17:58	WG2512864

Metals (ICP) by Method 6010D

	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg		date / time	
Aluminum	5180000		22900	1	05/11/2025 15:46	WG2512493
Antimony	ND		2290	1	05/11/2025 15:46	WG2512493
Beryllium	599		229	1	05/11/2025 15:46	WG2512493
Calcium	10200000		115000	1	05/11/2025 15:46	WG2512493
Cobalt	4810		1150	1	05/11/2025 15:46	WG2512493
Iron	9900000		11500	1	05/11/2025 15:46	WG2512493
Magnesium	2920000		115000	1	05/11/2025 15:46	WG2512493
Manganese	355000		1150	1	05/11/2025 15:46	WG2512493
Potassium	2310000		115000	1	05/11/2025 15:46	WG2512493
Sodium	225000		115000	1	05/11/2025 15:46	WG2512493
Thallium	ND		2290	1	05/11/2025 15:46	WG2512493
Vanadium	17300		2290	1	05/11/2025 15:46	WG2512493

Volatile Organic Compounds (GC/MS) by Method 8260D

	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg		date / time	
Acetone	ND	C3	64.7	1	05/11/2025 15:00	WG2512491
Acrylonitrile	ND		16.2	1	05/11/2025 15:00	WG2512491
Bromobenzene	ND		16.2	1	05/11/2025 15:00	WG2512491
Bromodichloromethane	ND		3.24	1	05/11/2025 15:00	WG2512491
Bromoform	ND		32.4	1	05/11/2025 15:00	WG2512491
Bromomethane	ND	C3	16.2	1	05/11/2025 15:00	WG2512491

GACO0510T152S001

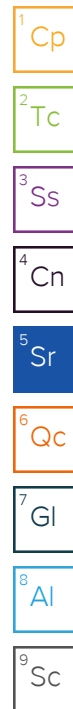
SAMPLE RESULTS - 01

Collected date/time: 05/10/25 08:22

L1857695

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
n-Butylbenzene	ND		16.2	1	05/11/2025 15:00	WG2512491
sec-Butylbenzene	ND		16.2	1	05/11/2025 15:00	WG2512491
tert-Butylbenzene	ND		6.47	1	05/11/2025 15:00	WG2512491
Carbon tetrachloride	ND		6.47	1	05/11/2025 15:00	WG2512491
Chlorobenzene	ND		3.24	1	05/11/2025 15:00	WG2512491
Chlorodibromomethane	ND		3.24	1	05/11/2025 15:00	WG2512491
Chloroethane	ND	C3 J4	6.47	1	05/11/2025 15:00	WG2512491
Chloroform	ND		3.24	1	05/11/2025 15:00	WG2512491
Chloromethane	ND		16.2	1	05/11/2025 15:00	WG2512491
2-Chlorotoluene	ND		3.24	1	05/11/2025 15:00	WG2512491
4-Chlorotoluene	ND		6.47	1	05/11/2025 15:00	WG2512491
1,2-Dibromo-3-Chloropropane	ND		32.4	1	05/11/2025 15:00	WG2512491
1,2-Dibromoethane	ND		3.24	1	05/11/2025 15:00	WG2512491
Dibromomethane	ND		6.47	1	05/11/2025 15:00	WG2512491
1,2-Dichlorobenzene	ND		6.47	1	05/11/2025 15:00	WG2512491
1,3-Dichlorobenzene	ND		6.47	1	05/11/2025 15:00	WG2512491
1,4-Dichlorobenzene	ND		6.47	1	05/11/2025 15:00	WG2512491
Dichlorodifluoromethane	ND		6.47	1	05/11/2025 15:00	WG2512491
1,1-Dichloroethane	ND		3.24	1	05/11/2025 15:00	WG2512491
1,2-Dichloroethane	ND		3.24	1	05/11/2025 15:00	WG2512491
1,1-Dichloroethene	ND		3.24	1	05/11/2025 15:00	WG2512491
cis-1,2-Dichloroethene	ND		3.24	1	05/11/2025 15:00	WG2512491
trans-1,2-Dichloroethene	ND	C3	6.47	1	05/11/2025 15:00	WG2512491
1,2-Dichloropropane	ND		6.47	1	05/11/2025 15:00	WG2512491
1,1-Dichloropropene	ND		3.24	1	05/11/2025 15:00	WG2512491
1,3-Dichloropropane	ND		6.47	1	05/11/2025 15:00	WG2512491
cis-1,3-Dichloropropene	ND		3.24	1	05/11/2025 15:00	WG2512491
trans-1,3-Dichloropropene	ND		6.47	1	05/11/2025 15:00	WG2512491
2,2-Dichloropropane	ND	C3 J4	3.24	1	05/11/2025 15:00	WG2512491
Di-isopropyl ether	ND		1.29	1	05/11/2025 15:00	WG2512491
Hexachloro-1,3-butadiene	ND		32.4	1	05/11/2025 15:00	WG2512491
Isopropylbenzene	ND		3.24	1	05/11/2025 15:00	WG2512491
p-Isopropyltoluene	ND		6.47	1	05/11/2025 15:00	WG2512491
2-Butanone (MEK)	ND		129	1	05/11/2025 15:00	WG2512491
Methylene Chloride	ND	C3	32.4	1	05/11/2025 15:00	WG2512491
4-Methyl-2-pentanone (MIBK)	ND	J4	32.4	1	05/11/2025 15:00	WG2512491
Methyl tert-butyl ether	ND		1.29	1	05/11/2025 15:00	WG2512491
n-Propylbenzene	ND		6.47	1	05/11/2025 15:00	WG2512491
Styrene	ND		16.2	1	05/11/2025 15:00	WG2512491
1,1,1,2-Tetrachloroethane	ND		3.24	1	05/11/2025 15:00	WG2512491
1,1,2,2-Tetrachloroethane	ND		3.24	1	05/11/2025 15:00	WG2512491
1,1,2-Trichlorotrifluoroethane	ND		3.24	1	05/11/2025 15:00	WG2512491
Tetrachloroethene	ND		3.24	1	05/11/2025 15:00	WG2512491
1,2,3-Trichlorobenzene	ND		16.2	1	05/11/2025 15:00	WG2512491
1,2,4-Trichlorobenzene	ND		16.2	1	05/11/2025 15:00	WG2512491
1,1,1-Trichloroethane	ND		3.24	1	05/11/2025 15:00	WG2512491
1,1,2-Trichloroethane	ND		3.24	1	05/11/2025 15:00	WG2512491
Trichloroethene	ND		1.29	1	05/11/2025 15:00	WG2512491
Trichlorofluoromethane	ND		3.24	1	05/11/2025 15:00	WG2512491
1,2,3-Trichloropropane	ND		16.2	1	05/11/2025 15:00	WG2512491
1,2,3-Trimethylbenzene	ND		6.47	1	05/11/2025 15:00	WG2512491
Vinyl chloride	ND		3.24	1	05/11/2025 15:00	WG2512491
(S) Toluene-d8	119		75.0-131		05/11/2025 15:00	WG2512491
(S) 4-Bromofluorobenzene	82.4		67.0-138		05/11/2025 15:00	WG2512491
(S) 1,2-Dichloroethane-d4	87.6		70.0-130		05/11/2025 15:00	WG2512491



Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Acenaphthylene	ND		38.2	1	05/11/2025 17:12	WG2512494
Benidine	ND	C7	1920	1	05/11/2025 17:12	WG2512494
Benzo(g,h,i)perylene	ND		38.2	1	05/11/2025 17:12	WG2512494
Bis(2-chlorethoxy)methane	ND		382	1	05/11/2025 17:12	WG2512494
Bis(2-chloroethyl)ether	ND		382	1	05/11/2025 17:12	WG2512494
2,2-Oxybis(1-Chloropropane)	ND		382	1	05/11/2025 17:12	WG2512494
4-Bromophenyl-phenylether	ND		382	1	05/11/2025 17:12	WG2512494
2-Chloronaphthalene	ND		38.2	1	05/11/2025 17:12	WG2512494
4-Chlorophenyl-phenylether	ND		382	1	05/11/2025 17:12	WG2512494
1,2-Dichlorobenzene	ND		382	1	05/11/2025 17:12	WG2512494
1,3-Dichlorobenzene	ND		382	1	05/11/2025 17:12	WG2512494
1,4-Dichlorobenzene	ND		382	1	05/11/2025 17:12	WG2512494
3,3-Dichlorobenzidine	ND		382	1	05/11/2025 17:12	WG2512494
2,4-Dinitrotoluene	ND		382	1	05/11/2025 17:12	WG2512494
2,6-Dinitrotoluene	ND		382	1	05/11/2025 17:12	WG2512494
Hexachlorobenzene	ND		382	1	05/11/2025 17:12	WG2512494
Hexachloro-1,3-butadiene	ND		382	1	05/11/2025 17:12	WG2512494
Hexachlorocyclopentadiene	ND	C3 C7	382	1	05/11/2025 17:12	WG2512494
Hexachloroethane	ND		382	1	05/11/2025 17:12	WG2512494
Isophorone	ND		382	1	05/11/2025 17:12	WG2512494
Nitrobenzene	ND		382	1	05/11/2025 17:12	WG2512494
n-Nitrosodimethylamine	ND		382	1	05/11/2025 17:12	WG2512494
n-Nitrosodiphenylamine	ND		382	1	05/11/2025 17:12	WG2512494
n-Nitrosodi-n-propylamine	ND		382	1	05/11/2025 17:12	WG2512494
Phenanthrene	ND		38.2	1	05/11/2025 17:12	WG2512494
Benzylbutyl phthalate	ND		382	1	05/11/2025 17:12	WG2512494
Bis(2-ethylhexyl)phthalate	ND		382	1	05/11/2025 17:12	WG2512494
Di-n-butyl phthalate	ND		382	1	05/11/2025 17:12	WG2512494
Diethyl phthalate	ND		382	1	05/11/2025 17:12	WG2512494
Dimethyl phthalate	ND		382	1	05/11/2025 17:12	WG2512494
Di-n-octyl phthalate	ND		382	1	05/11/2025 17:12	WG2512494
1,2,4-Trichlorobenzene	ND		382	1	05/11/2025 17:12	WG2512494
4-Chloro-3-methylphenol	ND		382	1	05/11/2025 17:12	WG2512494
2-Chlorophenol	ND		382	1	05/11/2025 17:12	WG2512494
2,4-Dichlorophenol	ND		382	1	05/11/2025 17:12	WG2512494
2,4-Dimethylphenol	ND	C3	382	1	05/11/2025 17:12	WG2512494
4,6-Dinitro-2-methylphenol	ND		382	1	05/11/2025 17:12	WG2512494
2,4-Dinitrophenol	ND		382	1	05/11/2025 17:12	WG2512494
2-Nitrophenol	ND		382	1	05/11/2025 17:12	WG2512494
4-Nitrophenol	ND		382	1	05/11/2025 17:12	WG2512494
Pentachlorophenol	ND		382	1	05/11/2025 17:12	WG2512494
Phenol	ND		382	1	05/11/2025 17:12	WG2512494
2,4,6-Trichlorophenol	ND		382	1	05/11/2025 17:12	WG2512494
(S) 2-Fluorophenol	62.4		12.0-120		05/11/2025 17:12	WG2512494
(S) Phenol-d5	59.5		10.0-120		05/11/2025 17:12	WG2512494
(S) Nitrobenzene-d5	62.1		10.0-122		05/11/2025 17:12	WG2512494
(S) 2-Fluorobiphenyl	63.0		15.0-120		05/11/2025 17:12	WG2512494
(S) 2,4,6-Tribromophenol	91.0		10.0-127		05/11/2025 17:12	WG2512494
(S) p-Terphenyl-d14	66.4		10.0-120		05/11/2025 17:12	WG2512494

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Calculated Results

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Total Nitrogen	1690000		22600	1	05/12/2025 11:49	WG2512503

¹ Cp

² Tc

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	88.3		1	05/11/2025 12:38	WG2512445

³ Ss

⁴ Cn

Wet Chemistry by Method 350.1

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	ND		11300	1	05/12/2025 01:54	WG2512304

⁵ Sr

⁶ Qc

Wet Chemistry by Method 4500NOrg D-2021

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Kjeldahl Nitrogen, TKN	1680000		113000	5	05/12/2025 11:49	WG2512302

⁷ Gl

⁸ Al

Wet Chemistry by Method 9056A

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	ND		22600	1	05/11/2025 17:13	WG2512503

⁹ Sc

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result ug/kg	Qualifier	RDL ug/kg	Dilution	Analysis date / time	Batch
TOC By Walkley Black	24800000		500000	5	05/13/2025 17:59	WG2512864

Metals (ICP) by Method 6010D

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Aluminum	5290000		22600	1	05/11/2025 15:48	WG2512493
Antimony	ND		2260	1	05/11/2025 15:48	WG2512493
Beryllium	454		226	1	05/11/2025 15:48	WG2512493
Calcium	4650000		113000	1	05/11/2025 15:48	WG2512493
Cobalt	3380		1130	1	05/11/2025 15:48	WG2512493
Iron	8310000		11300	1	05/11/2025 15:48	WG2512493
Magnesium	2440000		113000	1	05/11/2025 15:48	WG2512493
Manganese	245000		1130	1	05/11/2025 15:48	WG2512493
Potassium	1930000		113000	1	05/11/2025 15:48	WG2512493
Sodium	191000		113000	1	05/11/2025 15:48	WG2512493
Thallium	ND		2260	1	05/11/2025 15:48	WG2512493
Vanadium	14500		2260	1	05/11/2025 15:48	WG2512493

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Acetone	ND	C3	63.2	1	05/11/2025 15:20	WG2512491
Acrylonitrile	ND		15.8	1	05/11/2025 15:20	WG2512491
Bromobenzene	ND		15.8	1	05/11/2025 15:20	WG2512491
Bromodichloromethane	ND		3.16	1	05/11/2025 15:20	WG2512491
Bromoform	ND		31.6	1	05/11/2025 15:20	WG2512491
Bromomethane	ND	C3	15.8	1	05/11/2025 15:20	WG2512491

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
n-Butylbenzene	ND		15.8	1	05/11/2025 15:20	WG2512491
sec-Butylbenzene	ND		15.8	1	05/11/2025 15:20	WG2512491
tert-Butylbenzene	ND		6.32	1	05/11/2025 15:20	WG2512491
Carbon tetrachloride	ND		6.32	1	05/11/2025 15:20	WG2512491
Chlorobenzene	ND		3.16	1	05/11/2025 15:20	WG2512491
Chlorodibromomethane	ND		3.16	1	05/11/2025 15:20	WG2512491
Chloroethane	ND	C3 J4	6.32	1	05/11/2025 15:20	WG2512491
Chloroform	ND		3.16	1	05/11/2025 15:20	WG2512491
Chloromethane	ND		15.8	1	05/11/2025 15:20	WG2512491
2-Chlorotoluene	ND		3.16	1	05/11/2025 15:20	WG2512491
4-Chlorotoluene	ND		6.32	1	05/11/2025 15:20	WG2512491
1,2-Dibromo-3-Chloropropane	ND		31.6	1	05/11/2025 15:20	WG2512491
1,2-Dibromoethane	ND		3.16	1	05/11/2025 15:20	WG2512491
Dibromomethane	ND		6.32	1	05/11/2025 15:20	WG2512491
1,2-Dichlorobenzene	ND		6.32	1	05/11/2025 15:20	WG2512491
1,3-Dichlorobenzene	ND		6.32	1	05/11/2025 15:20	WG2512491
1,4-Dichlorobenzene	ND		6.32	1	05/11/2025 15:20	WG2512491
Dichlorodifluoromethane	ND		6.32	1	05/11/2025 15:20	WG2512491
1,1-Dichloroethane	ND		3.16	1	05/11/2025 15:20	WG2512491
1,2-Dichloroethane	ND		3.16	1	05/11/2025 15:20	WG2512491
1,1-Dichloroethene	ND		3.16	1	05/11/2025 15:20	WG2512491
cis-1,2-Dichloroethene	ND		3.16	1	05/11/2025 15:20	WG2512491
trans-1,2-Dichloroethene	ND	C3	6.32	1	05/11/2025 15:20	WG2512491
1,2-Dichloropropane	ND		6.32	1	05/11/2025 15:20	WG2512491
1,1-Dichloropropene	ND		3.16	1	05/11/2025 15:20	WG2512491
1,3-Dichloropropane	ND		6.32	1	05/11/2025 15:20	WG2512491
cis-1,3-Dichloropropene	ND		3.16	1	05/11/2025 15:20	WG2512491
trans-1,3-Dichloropropene	ND		6.32	1	05/11/2025 15:20	WG2512491
2,2-Dichloropropane	ND	C3 J4	3.16	1	05/11/2025 15:20	WG2512491
Di-isopropyl ether	ND		1.26	1	05/11/2025 15:20	WG2512491
Hexachloro-1,3-butadiene	ND		31.6	1	05/11/2025 15:20	WG2512491
Isopropylbenzene	ND		3.16	1	05/11/2025 15:20	WG2512491
p-Isopropyltoluene	ND		6.32	1	05/11/2025 15:20	WG2512491
2-Butanone (MEK)	ND		126	1	05/11/2025 15:20	WG2512491
Methylene Chloride	ND	C3	31.6	1	05/11/2025 15:20	WG2512491
4-Methyl-2-pentanone (MIBK)	ND	J4	31.6	1	05/11/2025 15:20	WG2512491
Methyl tert-butyl ether	ND		1.26	1	05/11/2025 15:20	WG2512491
n-Propylbenzene	ND		6.32	1	05/11/2025 15:20	WG2512491
Styrene	ND		15.8	1	05/11/2025 15:20	WG2512491
1,1,1,2-Tetrachloroethane	ND		3.16	1	05/11/2025 15:20	WG2512491
1,1,2,2-Tetrachloroethane	ND		3.16	1	05/11/2025 15:20	WG2512491
1,1,2-Trichlorotrifluoroethane	ND		3.16	1	05/11/2025 15:20	WG2512491
Tetrachloroethene	ND		3.16	1	05/11/2025 15:20	WG2512491
1,2,3-Trichlorobenzene	ND		15.8	1	05/11/2025 15:20	WG2512491
1,2,4-Trichlorobenzene	ND		15.8	1	05/11/2025 15:20	WG2512491
1,1,1-Trichloroethane	ND		3.16	1	05/11/2025 15:20	WG2512491
1,1,2-Trichloroethane	ND		3.16	1	05/11/2025 15:20	WG2512491
Trichloroethene	ND		1.26	1	05/11/2025 15:20	WG2512491
Trichlorofluoromethane	ND		3.16	1	05/11/2025 15:20	WG2512491
1,2,3-Trichloropropane	ND		15.8	1	05/11/2025 15:20	WG2512491
1,2,3-Trimethylbenzene	ND		6.32	1	05/11/2025 15:20	WG2512491
Vinyl chloride	ND		3.16	1	05/11/2025 15:20	WG2512491
(S) Toluene-d8	120		75.0-131		05/11/2025 15:20	WG2512491
(S) 4-Bromofluorobenzene	88.7		67.0-138		05/11/2025 15:20	WG2512491
(S) 1,2-Dichloroethane-d4	86.4		70.0-130		05/11/2025 15:20	WG2512491

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Acenaphthylene	ND		37.7	1	05/11/2025 17:33	WG2512494
Benidine	ND	C7	1890	1	05/11/2025 17:33	WG2512494
Benzo(g,h,i)perylene	ND		37.7	1	05/11/2025 17:33	WG2512494
Bis(2-chlorethoxy)methane	ND		377	1	05/11/2025 17:33	WG2512494
Bis(2-chloroethyl)ether	ND		377	1	05/11/2025 17:33	WG2512494
2,2-Oxybis(1-Chloropropane)	ND		377	1	05/11/2025 17:33	WG2512494
4-Bromophenyl-phenylether	ND		377	1	05/11/2025 17:33	WG2512494
2-Chloronaphthalene	ND		37.7	1	05/11/2025 17:33	WG2512494
4-Chlorophenyl-phenylether	ND		377	1	05/11/2025 17:33	WG2512494
1,2-Dichlorobenzene	ND		377	1	05/11/2025 17:33	WG2512494
1,3-Dichlorobenzene	ND		377	1	05/11/2025 17:33	WG2512494
1,4-Dichlorobenzene	ND		377	1	05/11/2025 17:33	WG2512494
3,3-Dichlorobenzidine	ND		377	1	05/11/2025 17:33	WG2512494
2,4-Dinitrotoluene	ND		377	1	05/11/2025 17:33	WG2512494
2,6-Dinitrotoluene	ND		377	1	05/11/2025 17:33	WG2512494
Hexachlorobenzene	ND		377	1	05/11/2025 17:33	WG2512494
Hexachloro-1,3-butadiene	ND		377	1	05/11/2025 17:33	WG2512494
Hexachlorocyclopentadiene	ND	C3 C7	377	1	05/11/2025 17:33	WG2512494
Hexachloroethane	ND		377	1	05/11/2025 17:33	WG2512494
Isophorone	ND		377	1	05/11/2025 17:33	WG2512494
Nitrobenzene	ND		377	1	05/11/2025 17:33	WG2512494
n-Nitrosodimethylamine	ND		377	1	05/11/2025 17:33	WG2512494
n-Nitrosodiphenylamine	ND		377	1	05/11/2025 17:33	WG2512494
n-Nitrosodi-n-propylamine	ND		377	1	05/11/2025 17:33	WG2512494
Phenanthrene	ND		37.7	1	05/11/2025 17:33	WG2512494
Benzylbutyl phthalate	ND		377	1	05/11/2025 17:33	WG2512494
Bis(2-ethylhexyl)phthalate	ND		377	1	05/11/2025 17:33	WG2512494
Di-n-butyl phthalate	ND		377	1	05/11/2025 17:33	WG2512494
Diethyl phthalate	ND		377	1	05/11/2025 17:33	WG2512494
Dimethyl phthalate	ND		377	1	05/11/2025 17:33	WG2512494
Di-n-octyl phthalate	ND		377	1	05/11/2025 17:33	WG2512494
1,2,4-Trichlorobenzene	ND		377	1	05/11/2025 17:33	WG2512494
4-Chloro-3-methylphenol	ND		377	1	05/11/2025 17:33	WG2512494
2-Chlorophenol	ND		377	1	05/11/2025 17:33	WG2512494
2,4-Dichlorophenol	ND		377	1	05/11/2025 17:33	WG2512494
2,4-Dimethylphenol	ND	C3	377	1	05/11/2025 17:33	WG2512494
4,6-Dinitro-2-methylphenol	ND		377	1	05/11/2025 17:33	WG2512494
2,4-Dinitrophenol	ND		377	1	05/11/2025 17:33	WG2512494
2-Nitrophenol	ND		377	1	05/11/2025 17:33	WG2512494
4-Nitrophenol	ND		377	1	05/11/2025 17:33	WG2512494
Pentachlorophenol	ND		377	1	05/11/2025 17:33	WG2512494
Phenol	ND		377	1	05/11/2025 17:33	WG2512494
2,4,6-Trichlorophenol	ND		377	1	05/11/2025 17:33	WG2512494
(S) 2-Fluorophenol	67.4		12.0-120		05/11/2025 17:33	WG2512494
(S) Phenol-d5	59.6		10.0-120		05/11/2025 17:33	WG2512494
(S) Nitrobenzene-d5	64.6		10.0-122		05/11/2025 17:33	WG2512494
(S) 2-Fluorobiphenyl	64.0		15.0-120		05/11/2025 17:33	WG2512494
(S) 2,4,6-Tribromophenol	90.3		10.0-127		05/11/2025 17:33	WG2512494
(S) p-Terphenyl-d14	68.5		10.0-120		05/11/2025 17:33	WG2512494

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Calculated Results

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Total Nitrogen	1710000		22700	1	05/12/2025 11:49	WG2512503

¹ Cp

² Tc

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	88.3		1	05/11/2025 12:38	WG2512445

³ Ss

⁴ Cn

Wet Chemistry by Method 350.1

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	ND		11300	1	05/12/2025 01:55	WG2512304

⁵ Sr

⁶ Qc

Wet Chemistry by Method 4500NOrg D-2021

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Kjeldahl Nitrogen, TKN	1700000		113000	5	05/12/2025 11:49	WG2512302

⁷ Gl

⁸ Al

Wet Chemistry by Method 9056A

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	ND		22700	1	05/11/2025 17:29	WG2512503

⁹ Sc

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result ug/kg	Qualifier	RDL ug/kg	Dilution	Analysis date / time	Batch
TOC By Walkley Black	25800000		500000	5	05/13/2025 18:00	WG2512864

Metals (ICP) by Method 6010D

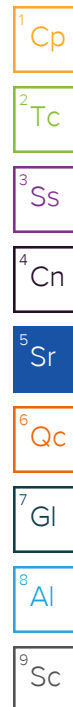
Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Aluminum	5020000		22700	1	05/11/2025 15:49	WG2512493
Antimony	ND		2270	1	05/11/2025 15:49	WG2512493
Beryllium	421		227	1	05/11/2025 15:49	WG2512493
Calcium	10700000		113000	1	05/11/2025 15:49	WG2512493
Cobalt	3290		1130	1	05/11/2025 15:49	WG2512493
Iron	7440000		11300	1	05/11/2025 15:49	WG2512493
Magnesium	2720000		113000	1	05/11/2025 15:49	WG2512493
Manganese	236000		1130	1	05/11/2025 15:49	WG2512493
Potassium	1880000		113000	1	05/11/2025 15:49	WG2512493
Sodium	123000		113000	1	05/11/2025 15:49	WG2512493
Thallium	ND		2270	1	05/11/2025 15:49	WG2512493
Vanadium	13400		2270	1	05/11/2025 15:49	WG2512493

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Acetone	ND	C3	63.3	1	05/11/2025 15:40	WG2512491
Acrylonitrile	ND		15.8	1	05/11/2025 15:40	WG2512491
Bromobenzene	ND		15.8	1	05/11/2025 15:40	WG2512491
Bromodichloromethane	ND		3.16	1	05/11/2025 15:40	WG2512491
Bromoform	ND		31.6	1	05/11/2025 15:40	WG2512491
Bromomethane	ND	C3	15.8	1	05/11/2025 15:40	WG2512491

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
n-Butylbenzene	ND		15.8	1	05/11/2025 15:40	WG2512491
sec-Butylbenzene	ND		15.8	1	05/11/2025 15:40	WG2512491
tert-Butylbenzene	ND		6.33	1	05/11/2025 15:40	WG2512491
Carbon tetrachloride	ND		6.33	1	05/11/2025 15:40	WG2512491
Chlorobenzene	ND		3.16	1	05/11/2025 15:40	WG2512491
Chlorodibromomethane	ND		3.16	1	05/11/2025 15:40	WG2512491
Chloroethane	ND	C3 J4	6.33	1	05/11/2025 15:40	WG2512491
Chloroform	ND		3.16	1	05/11/2025 15:40	WG2512491
Chloromethane	ND		15.8	1	05/11/2025 15:40	WG2512491
2-Chlorotoluene	ND		3.16	1	05/11/2025 15:40	WG2512491
4-Chlorotoluene	ND		6.33	1	05/11/2025 15:40	WG2512491
1,2-Dibromo-3-Chloropropane	ND		31.6	1	05/11/2025 15:40	WG2512491
1,2-Dibromoethane	ND		3.16	1	05/11/2025 15:40	WG2512491
Dibromomethane	ND		6.33	1	05/11/2025 15:40	WG2512491
1,2-Dichlorobenzene	ND		6.33	1	05/11/2025 15:40	WG2512491
1,3-Dichlorobenzene	ND		6.33	1	05/11/2025 15:40	WG2512491
1,4-Dichlorobenzene	ND		6.33	1	05/11/2025 15:40	WG2512491
Dichlorodifluoromethane	ND		6.33	1	05/11/2025 15:40	WG2512491
1,1-Dichloroethane	ND		3.16	1	05/11/2025 15:40	WG2512491
1,2-Dichloroethane	ND		3.16	1	05/11/2025 15:40	WG2512491
1,1-Dichloroethene	ND		3.16	1	05/11/2025 15:40	WG2512491
cis-1,2-Dichloroethene	ND		3.16	1	05/11/2025 15:40	WG2512491
trans-1,2-Dichloroethene	ND	C3	6.33	1	05/11/2025 15:40	WG2512491
1,2-Dichloropropane	ND		6.33	1	05/11/2025 15:40	WG2512491
1,1-Dichloropropene	ND		3.16	1	05/11/2025 15:40	WG2512491
1,3-Dichloropropane	ND		6.33	1	05/11/2025 15:40	WG2512491
cis-1,3-Dichloropropene	ND		3.16	1	05/11/2025 15:40	WG2512491
trans-1,3-Dichloropropene	ND		6.33	1	05/11/2025 15:40	WG2512491
2,2-Dichloropropane	ND	C3 J4	3.16	1	05/11/2025 15:40	WG2512491
Di-isopropyl ether	ND		1.27	1	05/11/2025 15:40	WG2512491
Hexachloro-1,3-butadiene	ND		31.6	1	05/11/2025 15:40	WG2512491
Isopropylbenzene	ND		3.16	1	05/11/2025 15:40	WG2512491
p-Isopropyltoluene	ND		6.33	1	05/11/2025 15:40	WG2512491
2-Butanone (MEK)	ND		127	1	05/11/2025 15:40	WG2512491
Methylene Chloride	ND	C3	31.6	1	05/11/2025 15:40	WG2512491
4-Methyl-2-pentanone (MIBK)	ND	J4	31.6	1	05/11/2025 15:40	WG2512491
Methyl tert-butyl ether	ND		1.27	1	05/11/2025 15:40	WG2512491
n-Propylbenzene	ND		6.33	1	05/11/2025 15:40	WG2512491
Styrene	ND		15.8	1	05/11/2025 15:40	WG2512491
1,1,1,2-Tetrachloroethane	ND		3.16	1	05/11/2025 15:40	WG2512491
1,1,2,2-Tetrachloroethane	ND		3.16	1	05/11/2025 15:40	WG2512491
1,1,2-Trichlorotrifluoroethane	ND		3.16	1	05/11/2025 15:40	WG2512491
Tetrachloroethene	ND		3.16	1	05/11/2025 15:40	WG2512491
1,2,3-Trichlorobenzene	ND		15.8	1	05/11/2025 15:40	WG2512491
1,2,4-Trichlorobenzene	ND		15.8	1	05/11/2025 15:40	WG2512491
1,1,1-Trichloroethane	ND		3.16	1	05/11/2025 15:40	WG2512491
1,1,2-Trichloroethane	ND		3.16	1	05/11/2025 15:40	WG2512491
Trichloroethene	ND		1.27	1	05/11/2025 15:40	WG2512491
Trichlorofluoromethane	ND		3.16	1	05/11/2025 15:40	WG2512491
1,2,3-Trichloropropane	ND		15.8	1	05/11/2025 15:40	WG2512491
1,2,3-Trimethylbenzene	ND		6.33	1	05/11/2025 15:40	WG2512491
Vinyl chloride	ND		3.16	1	05/11/2025 15:40	WG2512491
(S) Toluene-d8	119		75.0-131		05/11/2025 15:40	WG2512491
(S) 4-Bromofluorobenzene	84.9		67.0-138		05/11/2025 15:40	WG2512491
(S) 1,2-Dichloroethane-d4	89.9		70.0-130		05/11/2025 15:40	WG2512491



Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Acenaphthylene	ND		37.7	1	05/11/2025 17:53	WG2512494
Benidine	ND	C7	1890	1	05/11/2025 17:53	WG2512494
Benzo(g,h,i)perylene	ND		37.7	1	05/11/2025 17:53	WG2512494
Bis(2-chlorethoxy)methane	ND		377	1	05/11/2025 17:53	WG2512494
Bis(2-chloroethyl)ether	ND		377	1	05/11/2025 17:53	WG2512494
2,2-Oxybis(1-Chloropropane)	ND		377	1	05/11/2025 17:53	WG2512494
4-Bromophenyl-phenylether	ND		377	1	05/11/2025 17:53	WG2512494
2-Chloronaphthalene	ND		37.7	1	05/11/2025 17:53	WG2512494
4-Chlorophenyl-phenylether	ND		377	1	05/11/2025 17:53	WG2512494
1,2-Dichlorobenzene	ND		377	1	05/11/2025 17:53	WG2512494
1,3-Dichlorobenzene	ND		377	1	05/11/2025 17:53	WG2512494
1,4-Dichlorobenzene	ND		377	1	05/11/2025 17:53	WG2512494
3,3-Dichlorobenzidine	ND		377	1	05/11/2025 17:53	WG2512494
2,4-Dinitrotoluene	ND		377	1	05/11/2025 17:53	WG2512494
2,6-Dinitrotoluene	ND		377	1	05/11/2025 17:53	WG2512494
Hexachlorobenzene	ND		377	1	05/11/2025 17:53	WG2512494
Hexachloro-1,3-butadiene	ND		377	1	05/11/2025 17:53	WG2512494
Hexachlorocyclopentadiene	ND	C3 C7	377	1	05/11/2025 17:53	WG2512494
Hexachloroethane	ND		377	1	05/11/2025 17:53	WG2512494
Isophorone	ND		377	1	05/11/2025 17:53	WG2512494
Nitrobenzene	ND		377	1	05/11/2025 17:53	WG2512494
n-Nitrosodimethylamine	ND		377	1	05/11/2025 17:53	WG2512494
n-Nitrosodiphenylamine	ND		377	1	05/11/2025 17:53	WG2512494
n-Nitrosodi-n-propylamine	ND		377	1	05/11/2025 17:53	WG2512494
Phenanthrene	ND		37.7	1	05/11/2025 17:53	WG2512494
Benzylbutyl phthalate	ND		377	1	05/11/2025 17:53	WG2512494
Bis(2-ethylhexyl)phthalate	ND		377	1	05/11/2025 17:53	WG2512494
Di-n-butyl phthalate	ND		377	1	05/11/2025 17:53	WG2512494
Diethyl phthalate	ND		377	1	05/11/2025 17:53	WG2512494
Dimethyl phthalate	ND		377	1	05/11/2025 17:53	WG2512494
Di-n-octyl phthalate	ND		377	1	05/11/2025 17:53	WG2512494
1,2,4-Trichlorobenzene	ND		377	1	05/11/2025 17:53	WG2512494
4-Chloro-3-methylphenol	ND		377	1	05/11/2025 17:53	WG2512494
2-Chlorophenol	ND		377	1	05/11/2025 17:53	WG2512494
2,4-Dichlorophenol	ND		377	1	05/11/2025 17:53	WG2512494
2,4-Dimethylphenol	ND	C3	377	1	05/11/2025 17:53	WG2512494
4,6-Dinitro-2-methylphenol	ND		377	1	05/11/2025 17:53	WG2512494
2,4-Dinitrophenol	ND		377	1	05/11/2025 17:53	WG2512494
2-Nitrophenol	ND		377	1	05/11/2025 17:53	WG2512494
4-Nitrophenol	ND		377	1	05/11/2025 17:53	WG2512494
Pentachlorophenol	ND		377	1	05/11/2025 17:53	WG2512494
Phenol	ND		377	1	05/11/2025 17:53	WG2512494
2,4,6-Trichlorophenol	ND		377	1	05/11/2025 17:53	WG2512494
(S) 2-Fluorophenol	47.0		12.0-120		05/11/2025 17:53	WG2512494
(S) Phenol-d5	53.8		10.0-120		05/11/2025 17:53	WG2512494
(S) Nitrobenzene-d5	66.4		10.0-122		05/11/2025 17:53	WG2512494
(S) 2-Fluorobiphenyl	65.8		15.0-120		05/11/2025 17:53	WG2512494
(S) 2,4,6-Tribromophenol	94.7		10.0-127		05/11/2025 17:53	WG2512494
(S) p-Terphenyl-d14	71.2		10.0-120		05/11/2025 17:53	WG2512494

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Acetone	ND		50.0	1	05/11/2025 14:37	WG2512487
Acrolein	ND	J4	50.0	1	05/11/2025 14:37	WG2512487
Acrylonitrile	ND		10.0	1	05/11/2025 14:37	WG2512487
Benzene	ND		1.00	1	05/11/2025 14:37	WG2512487
Bromobenzene	ND		1.00	1	05/11/2025 14:37	WG2512487
Bromodichloromethane	ND		1.00	1	05/11/2025 14:37	WG2512487
Bromoform	ND	C3	1.00	1	05/11/2025 14:37	WG2512487
Bromomethane	ND	C3	5.00	1	05/11/2025 14:37	WG2512487
n-Butylbenzene	ND		1.00	1	05/11/2025 14:37	WG2512487
sec-Butylbenzene	ND		1.00	1	05/11/2025 14:37	WG2512487
tert-Butylbenzene	ND		1.00	1	05/11/2025 14:37	WG2512487
Carbon tetrachloride	ND		1.00	1	05/11/2025 14:37	WG2512487
Chlorobenzene	ND		1.00	1	05/11/2025 14:37	WG2512487
Chlorodibromomethane	ND		1.00	1	05/11/2025 14:37	WG2512487
Chloroethane	ND		5.00	1	05/11/2025 14:37	WG2512487
Chloroform	ND		5.00	1	05/11/2025 14:37	WG2512487
Chloromethane	ND		2.50	1	05/11/2025 14:37	WG2512487
2-Chlorotoluene	ND		1.00	1	05/11/2025 14:37	WG2512487
4-Chlorotoluene	ND		1.00	1	05/11/2025 14:37	WG2512487
1,2-Dibromo-3-Chloropropane	ND	C3	5.00	1	05/11/2025 14:37	WG2512487
1,2-Dibromoethane	ND		1.00	1	05/11/2025 14:37	WG2512487
Dibromomethane	ND		1.00	1	05/11/2025 14:37	WG2512487
1,2-Dichlorobenzene	ND		1.00	1	05/11/2025 14:37	WG2512487
1,3-Dichlorobenzene	ND		1.00	1	05/11/2025 14:37	WG2512487
1,4-Dichlorobenzene	ND		1.00	1	05/11/2025 14:37	WG2512487
Dichlorodifluoromethane	ND		5.00	1	05/11/2025 14:37	WG2512487
1,1-Dichloroethane	ND		1.00	1	05/11/2025 14:37	WG2512487
1,2-Dichloroethane	ND		1.00	1	05/11/2025 14:37	WG2512487
1,1-Dichloroethene	ND		1.00	1	05/11/2025 14:37	WG2512487
cis-1,2-Dichloroethene	ND		1.00	1	05/11/2025 14:37	WG2512487
trans-1,2-Dichloroethene	ND		1.00	1	05/11/2025 14:37	WG2512487
1,2-Dichloropropane	ND		1.00	1	05/11/2025 14:37	WG2512487
1,1-Dichloropropene	ND		1.00	1	05/11/2025 14:37	WG2512487
1,3-Dichloropropane	ND		1.00	1	05/11/2025 14:37	WG2512487
cis-1,3-Dichloropropene	ND		1.00	1	05/11/2025 14:37	WG2512487
trans-1,3-Dichloropropene	ND		1.00	1	05/11/2025 14:37	WG2512487
2,2-Dichloropropane	ND		1.00	1	05/11/2025 14:37	WG2512487
Di-isopropyl ether	ND		1.00	1	05/11/2025 14:37	WG2512487
Ethylbenzene	ND		1.00	1	05/11/2025 14:37	WG2512487
Hexachloro-1,3-butadiene	ND		1.00	1	05/11/2025 14:37	WG2512487
Isopropylbenzene	ND		1.00	1	05/11/2025 14:37	WG2512487
p-Isopropyltoluene	ND		1.00	1	05/11/2025 14:37	WG2512487
2-Butanone (MEK)	ND		10.0	1	05/11/2025 14:37	WG2512487
Methylene Chloride	ND		5.00	1	05/11/2025 14:37	WG2512487
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	05/11/2025 14:37	WG2512487
Methyl tert-butyl ether	ND		1.00	1	05/11/2025 14:37	WG2512487
Naphthalene	ND	C3	5.00	1	05/11/2025 14:37	WG2512487
n-Propylbenzene	ND		1.00	1	05/11/2025 14:37	WG2512487
Styrene	ND	C3 J4	1.00	1	05/11/2025 14:37	WG2512487
1,1,1,2-Tetrachloroethane	ND		1.00	1	05/11/2025 14:37	WG2512487
1,1,2,2-Tetrachloroethane	ND		1.00	1	05/11/2025 14:37	WG2512487
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	05/11/2025 14:37	WG2512487
Tetrachloroethene	ND		1.00	1	05/11/2025 14:37	WG2512487
Toluene	ND		1.00	1	05/11/2025 14:37	WG2512487
1,2,3-Trichlorobenzene	ND		1.00	1	05/11/2025 14:37	WG2512487
1,2,4-Trichlorobenzene	ND		1.00	1	05/11/2025 14:37	WG2512487

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,1-Trichloroethane	ND		1.00	1	05/11/2025 14:37	WG2512487
1,1,2-Trichloroethane	ND		1.00	1	05/11/2025 14:37	WG2512487
Trichloroethene	ND		1.00	1	05/11/2025 14:37	WG2512487
Trichlorofluoromethane	ND		5.00	1	05/11/2025 14:37	WG2512487
1,2,3-Trichloropropane	ND		2.50	1	05/11/2025 14:37	WG2512487
1,2,4-Trimethylbenzene	ND		1.00	1	05/11/2025 14:37	WG2512487
1,2,3-Trimethylbenzene	ND		1.00	1	05/11/2025 14:37	WG2512487
1,3,5-Trimethylbenzene	ND		1.00	1	05/11/2025 14:37	WG2512487
Vinyl chloride	ND		1.00	1	05/11/2025 14:37	WG2512487
Xylenes, Total	ND		3.00	1	05/11/2025 14:37	WG2512487
(S) Toluene-d8	97.1		80.0-120		05/11/2025 14:37	WG2512487
(S) 4-Bromofluorobenzene	96.4		77.0-126		05/11/2025 14:37	WG2512487
(S) 1,2-Dichloroethane-d4	107		70.0-130		05/11/2025 14:37	WG2512487

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Calculated Results

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Total Nitrogen	1920000		23300	1	05/12/2025 11:51	WG2512503

¹ Cp

² Tc

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	86.5		1	05/11/2025 12:38	WG2512445

³ Ss

⁴ Cn

Wet Chemistry by Method 350.1

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	ND		11600	1	05/12/2025 01:57	WG2512304

⁵ Sr

⁶ Qc

Wet Chemistry by Method 4500NOrg D-2021

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Kjeldahl Nitrogen, TKN	1910000		116000	5	05/12/2025 11:51	WG2512302

⁷ Gl

⁸ Al

Wet Chemistry by Method 9056A

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	ND		23300	1.01	05/11/2025 17:46	WG2512503

⁹ Sc

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result ug/kg	Qualifier	RDL ug/kg	Dilution	Analysis date / time	Batch
TOC By Walkley Black	31600000		500000	5	05/13/2025 18:01	WG2512864

Metals (ICP) by Method 6010D

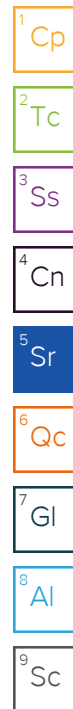
Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Aluminum	3460000	J6	23100	1	05/11/2025 15:37	WG2512493
Antimony	ND		2310	1	05/11/2025 15:37	WG2512493
Beryllium	450		231	1	05/11/2025 15:37	WG2512493
Calcium	34700000	J3 O1 V	116000	1	05/11/2025 15:37	WG2512493
Cobalt	3150		1160	1	05/11/2025 15:37	WG2512493
Iron	7490000	J3 V	11600	1	05/11/2025 15:37	WG2512493
Magnesium	2230000		116000	1	05/11/2025 15:37	WG2512493
Manganese	263000	J3 J5 J6	1160	1	05/11/2025 15:37	WG2512493
Potassium	1840000		116000	1	05/11/2025 15:37	WG2512493
Sodium	187000		116000	1	05/11/2025 15:37	WG2512493
Thallium	ND		2310	1	05/11/2025 15:37	WG2512493
Vanadium	11000		2310	1	05/11/2025 15:37	WG2512493

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Acetone	ND	C3	65.6	1	05/11/2025 18:56	WG2512491
Acrylonitrile	ND		16.4	1	05/11/2025 18:56	WG2512491
Bromobenzene	ND		16.4	1	05/11/2025 18:56	WG2512491
Bromodichloromethane	ND		3.28	1	05/11/2025 18:56	WG2512491
Bromoform	ND		32.8	1	05/11/2025 18:56	WG2512491
Bromomethane	ND	C3	16.4	1	05/11/2025 18:56	WG2512491

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
n-Butylbenzene	ND		16.4	1	05/11/2025 18:56	WG2512491
sec-Butylbenzene	ND		16.4	1	05/11/2025 18:56	WG2512491
tert-Butylbenzene	ND		6.56	1	05/11/2025 18:56	WG2512491
Carbon tetrachloride	ND		6.56	1	05/11/2025 18:56	WG2512491
Chlorobenzene	ND		3.28	1	05/11/2025 18:56	WG2512491
Chlorodibromomethane	ND		3.28	1	05/11/2025 18:56	WG2512491
Chloroethane	ND	C3 J4	6.56	1	05/11/2025 18:56	WG2512491
Chloroform	ND		3.28	1	05/11/2025 18:56	WG2512491
Chloromethane	ND		16.4	1	05/11/2025 18:56	WG2512491
2-Chlorotoluene	ND		3.28	1	05/11/2025 18:56	WG2512491
4-Chlorotoluene	ND		6.56	1	05/11/2025 18:56	WG2512491
1,2-Dibromo-3-Chloropropane	ND		32.8	1	05/11/2025 18:56	WG2512491
1,2-Dibromoethane	ND		3.28	1	05/11/2025 18:56	WG2512491
Dibromomethane	ND		6.56	1	05/11/2025 18:56	WG2512491
1,2-Dichlorobenzene	ND		6.56	1	05/11/2025 18:56	WG2512491
1,3-Dichlorobenzene	ND		6.56	1	05/11/2025 18:56	WG2512491
1,4-Dichlorobenzene	ND		6.56	1	05/11/2025 18:56	WG2512491
Dichlorodifluoromethane	ND		6.56	1	05/11/2025 18:56	WG2512491
1,1-Dichloroethane	ND		3.28	1	05/11/2025 18:56	WG2512491
1,2-Dichloroethane	ND		3.28	1	05/11/2025 18:56	WG2512491
1,1-Dichloroethene	ND		3.28	1	05/11/2025 18:56	WG2512491
cis-1,2-Dichloroethene	ND		3.28	1	05/11/2025 18:56	WG2512491
trans-1,2-Dichloroethene	ND	C3	6.56	1	05/11/2025 18:56	WG2512491
1,2-Dichloropropane	ND		6.56	1	05/11/2025 18:56	WG2512491
1,1-Dichloropropene	ND		3.28	1	05/11/2025 18:56	WG2512491
1,3-Dichloropropane	ND		6.56	1	05/11/2025 18:56	WG2512491
cis-1,3-Dichloropropene	ND		3.28	1	05/11/2025 18:56	WG2512491
trans-1,3-Dichloropropene	ND		6.56	1	05/11/2025 18:56	WG2512491
2,2-Dichloropropane	ND	C3 J4	3.28	1	05/11/2025 18:56	WG2512491
Di-isopropyl ether	ND		1.31	1	05/11/2025 18:56	WG2512491
Hexachloro-1,3-butadiene	ND		32.8	1	05/11/2025 18:56	WG2512491
Isopropylbenzene	ND		3.28	1	05/11/2025 18:56	WG2512491
p-Isopropyltoluene	ND		6.56	1	05/11/2025 18:56	WG2512491
2-Butanone (MEK)	ND		131	1	05/11/2025 18:56	WG2512491
Methylene Chloride	ND	C3	32.8	1	05/11/2025 18:56	WG2512491
4-Methyl-2-pentanone (MIBK)	ND	J4	32.8	1	05/11/2025 18:56	WG2512491
Methyl tert-butyl ether	ND		1.31	1	05/11/2025 18:56	WG2512491
n-Propylbenzene	ND		6.56	1	05/11/2025 18:56	WG2512491
Styrene	ND		16.4	1	05/11/2025 18:56	WG2512491
1,1,1,2-Tetrachloroethane	ND		3.28	1	05/11/2025 18:56	WG2512491
1,1,2,2-Tetrachloroethane	ND	J3	3.28	1	05/11/2025 18:56	WG2512491
1,1,2-Trichlorotrifluoroethane	ND		3.28	1	05/11/2025 18:56	WG2512491
Tetrachloroethene	ND		3.28	1	05/11/2025 18:56	WG2512491
1,2,3-Trichlorobenzene	ND		16.4	1	05/11/2025 18:56	WG2512491
1,2,4-Trichlorobenzene	ND		16.4	1	05/11/2025 18:56	WG2512491
1,1,1-Trichloroethane	ND		3.28	1	05/11/2025 18:56	WG2512491
1,1,2-Trichloroethane	ND		3.28	1	05/11/2025 18:56	WG2512491
Trichloroethene	ND		1.31	1	05/11/2025 18:56	WG2512491
Trichlorofluoromethane	ND		3.28	1	05/11/2025 18:56	WG2512491
1,2,3-Trichloropropane	ND		16.4	1	05/11/2025 18:56	WG2512491
1,2,3-Trimethylbenzene	ND		6.56	1	05/11/2025 18:56	WG2512491
Vinyl chloride	ND		3.28	1	05/11/2025 18:56	WG2512491
(S) Toluene-d8	117		75.0-131		05/11/2025 18:56	WG2512491
(S) 4-Bromofluorobenzene	83.6		67.0-138		05/11/2025 18:56	WG2512491
(S) 1,2-Dichloroethane-d4	90.4		70.0-130		05/11/2025 18:56	WG2512491



GACO0510T152S004

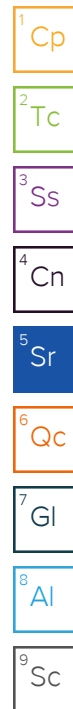
SAMPLE RESULTS - 05

Collected date/time: 05/10/25 08:30

L1857695

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Acenaphthylene	ND		38.5	1	05/11/2025 18:14	WG2512494
Benidine	ND	C7 J6	1930	1	05/11/2025 18:14	WG2512494
Benzo(g,h,i)perylene	ND		38.5	1	05/11/2025 18:14	WG2512494
Bis(2-chlorethoxy)methane	ND		385	1	05/11/2025 18:14	WG2512494
Bis(2-chloroethyl)ether	ND		385	1	05/11/2025 18:14	WG2512494
2,2-Oxybis(1-Chloropropane)	ND		385	1	05/11/2025 18:14	WG2512494
4-Bromophenyl-phenylether	ND		385	1	05/11/2025 18:14	WG2512494
2-Chloronaphthalene	ND		38.5	1	05/11/2025 18:14	WG2512494
4-Chlorophenyl-phenylether	ND		385	1	05/11/2025 18:14	WG2512494
1,2-Dichlorobenzene	ND		385	1	05/11/2025 18:14	WG2512494
1,3-Dichlorobenzene	ND		385	1	05/11/2025 18:14	WG2512494
1,4-Dichlorobenzene	ND		385	1	05/11/2025 18:14	WG2512494
3,3-Dichlorobenzidine	ND		385	1	05/11/2025 18:14	WG2512494
2,4-Dinitrotoluene	ND		385	1	05/11/2025 18:14	WG2512494
2,6-Dinitrotoluene	ND		385	1	05/11/2025 18:14	WG2512494
Hexachlorobenzene	ND		385	1	05/11/2025 18:14	WG2512494
Hexachloro-1,3-butadiene	ND		385	1	05/11/2025 18:14	WG2512494
Hexachlorocyclopentadiene	ND	C3 C7 J3 J6	385	1	05/11/2025 18:14	WG2512494
Hexachloroethane	ND		385	1	05/11/2025 18:14	WG2512494
Isophorone	ND		385	1	05/11/2025 18:14	WG2512494
Nitrobenzene	ND		385	1	05/11/2025 18:14	WG2512494
n-Nitrosodimethylamine	ND		385	1	05/11/2025 18:14	WG2512494
n-Nitrosodiphenylamine	ND		385	1	05/11/2025 18:14	WG2512494
n-Nitrosodi-n-propylamine	ND		385	1	05/11/2025 18:14	WG2512494
Phenanthrene	ND		38.5	1	05/11/2025 18:14	WG2512494
Benzylbutyl phthalate	ND		385	1	05/11/2025 18:14	WG2512494
Bis(2-ethylhexyl)phthalate	ND		385	1	05/11/2025 18:14	WG2512494
Di-n-butyl phthalate	ND		385	1	05/11/2025 18:14	WG2512494
Diethyl phthalate	ND		385	1	05/11/2025 18:14	WG2512494
Dimethyl phthalate	ND		385	1	05/11/2025 18:14	WG2512494
Di-n-octyl phthalate	ND		385	1	05/11/2025 18:14	WG2512494
1,2,4-Trichlorobenzene	ND		385	1	05/11/2025 18:14	WG2512494
4-Chloro-3-methylphenol	ND		385	1	05/11/2025 18:14	WG2512494
2-Chlorophenol	ND		385	1	05/11/2025 18:14	WG2512494
2,4-Dichlorophenol	ND		385	1	05/11/2025 18:14	WG2512494
2,4-Dimethylphenol	ND	C3	385	1	05/11/2025 18:14	WG2512494
4,6-Dinitro-2-methylphenol	ND		385	1	05/11/2025 18:14	WG2512494
2,4-Dinitrophenol	ND		385	1	05/11/2025 18:14	WG2512494
2-Nitrophenol	ND		385	1	05/11/2025 18:14	WG2512494
4-Nitrophenol	ND		385	1	05/11/2025 18:14	WG2512494
Pentachlorophenol	ND		385	1	05/11/2025 18:14	WG2512494
Phenol	ND		385	1	05/11/2025 18:14	WG2512494
2,4,6-Trichlorophenol	ND		385	1	05/11/2025 18:14	WG2512494
(S) 2-Fluorophenol	65.2		12.0-120		05/11/2025 18:14	WG2512494
(S) Phenol-d5	57.3		10.0-120		05/11/2025 18:14	WG2512494
(S) Nitrobenzene-d5	68.1		10.0-122		05/11/2025 18:14	WG2512494
(S) 2-Fluorobiphenyl	63.5		15.0-120		05/11/2025 18:14	WG2512494
(S) 2,4,6-Tribromophenol	91.8		10.0-127		05/11/2025 18:14	WG2512494
(S) p-Terphenyl-d14	67.8		10.0-120		05/11/2025 18:14	WG2512494



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Acetone	ND		50.0	1	05/11/2025 14:59	WG2512487
Acrolein	ND	J4	50.0	1	05/11/2025 14:59	WG2512487
Acrylonitrile	ND		10.0	1	05/11/2025 14:59	WG2512487
Benzene	ND		1.00	1	05/11/2025 14:59	WG2512487
Bromobenzene	ND		1.00	1	05/11/2025 14:59	WG2512487
Bromodichloromethane	ND		1.00	1	05/11/2025 14:59	WG2512487
Bromoform	ND	C3	1.00	1	05/11/2025 14:59	WG2512487
Bromomethane	ND	C3	5.00	1	05/11/2025 14:59	WG2512487
n-Butylbenzene	ND		1.00	1	05/11/2025 14:59	WG2512487
sec-Butylbenzene	ND		1.00	1	05/11/2025 14:59	WG2512487
tert-Butylbenzene	ND		1.00	1	05/11/2025 14:59	WG2512487
Carbon tetrachloride	ND		1.00	1	05/11/2025 14:59	WG2512487
Chlorobenzene	ND		1.00	1	05/11/2025 14:59	WG2512487
Chlorodibromomethane	ND		1.00	1	05/11/2025 14:59	WG2512487
Chloroethane	ND		5.00	1	05/11/2025 14:59	WG2512487
Chloroform	ND		5.00	1	05/11/2025 14:59	WG2512487
Chloromethane	ND		2.50	1	05/11/2025 14:59	WG2512487
2-Chlorotoluene	ND		1.00	1	05/11/2025 14:59	WG2512487
4-Chlorotoluene	ND		1.00	1	05/11/2025 14:59	WG2512487
1,2-Dibromo-3-Chloropropane	ND	C3	5.00	1	05/11/2025 14:59	WG2512487
1,2-Dibromoethane	ND		1.00	1	05/11/2025 14:59	WG2512487
Dibromomethane	ND		1.00	1	05/11/2025 14:59	WG2512487
1,2-Dichlorobenzene	ND		1.00	1	05/11/2025 14:59	WG2512487
1,3-Dichlorobenzene	ND		1.00	1	05/11/2025 14:59	WG2512487
1,4-Dichlorobenzene	ND		1.00	1	05/11/2025 14:59	WG2512487
Dichlorodifluoromethane	ND		5.00	1	05/11/2025 14:59	WG2512487
1,1-Dichloroethane	ND		1.00	1	05/11/2025 14:59	WG2512487
1,2-Dichloroethane	ND		1.00	1	05/11/2025 14:59	WG2512487
1,1-Dichloroethene	ND		1.00	1	05/11/2025 14:59	WG2512487
cis-1,2-Dichloroethene	ND		1.00	1	05/11/2025 14:59	WG2512487
trans-1,2-Dichloroethene	ND		1.00	1	05/11/2025 14:59	WG2512487
1,2-Dichloropropane	ND		1.00	1	05/11/2025 14:59	WG2512487
1,1-Dichloropropene	ND		1.00	1	05/11/2025 14:59	WG2512487
1,3-Dichloropropane	ND		1.00	1	05/11/2025 14:59	WG2512487
cis-1,3-Dichloropropene	ND		1.00	1	05/11/2025 14:59	WG2512487
trans-1,3-Dichloropropene	ND		1.00	1	05/11/2025 14:59	WG2512487
2,2-Dichloropropane	ND		1.00	1	05/11/2025 14:59	WG2512487
Di-isopropyl ether	ND		1.00	1	05/11/2025 14:59	WG2512487
Ethylbenzene	ND		1.00	1	05/11/2025 14:59	WG2512487
Hexachloro-1,3-butadiene	ND		1.00	1	05/11/2025 14:59	WG2512487
Isopropylbenzene	ND		1.00	1	05/11/2025 14:59	WG2512487
p-Isopropyltoluene	ND		1.00	1	05/11/2025 14:59	WG2512487
2-Butanone (MEK)	ND		10.0	1	05/11/2025 14:59	WG2512487
Methylene Chloride	ND		5.00	1	05/11/2025 14:59	WG2512487
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	05/11/2025 14:59	WG2512487
Methyl tert-butyl ether	ND		1.00	1	05/11/2025 14:59	WG2512487
Naphthalene	ND	C3	5.00	1	05/11/2025 14:59	WG2512487
n-Propylbenzene	ND		1.00	1	05/11/2025 14:59	WG2512487
Styrene	ND	C3 J4	1.00	1	05/11/2025 14:59	WG2512487
1,1,1,2-Tetrachloroethane	ND		1.00	1	05/11/2025 14:59	WG2512487
1,1,2,2-Tetrachloroethane	ND		1.00	1	05/11/2025 14:59	WG2512487
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	05/11/2025 14:59	WG2512487
Tetrachloroethene	ND		1.00	1	05/11/2025 14:59	WG2512487
Toluene	ND		1.00	1	05/11/2025 14:59	WG2512487
1,2,3-Trichlorobenzene	ND		1.00	1	05/11/2025 14:59	WG2512487
1,2,4-Trichlorobenzene	ND		1.00	1	05/11/2025 14:59	WG2512487

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,1-Trichloroethane	ND		1.00	1	05/11/2025 14:59	WG2512487
1,1,2-Trichloroethane	ND		1.00	1	05/11/2025 14:59	WG2512487
Trichloroethene	ND		1.00	1	05/11/2025 14:59	WG2512487
Trichlorofluoromethane	ND		5.00	1	05/11/2025 14:59	WG2512487
1,2,3-Trichloropropane	ND		2.50	1	05/11/2025 14:59	WG2512487
1,2,4-Trimethylbenzene	ND		1.00	1	05/11/2025 14:59	WG2512487
1,2,3-Trimethylbenzene	ND		1.00	1	05/11/2025 14:59	WG2512487
1,3,5-Trimethylbenzene	ND		1.00	1	05/11/2025 14:59	WG2512487
Vinyl chloride	ND		1.00	1	05/11/2025 14:59	WG2512487
Xylenes, Total	ND		3.00	1	05/11/2025 14:59	WG2512487
(S) Toluene-d8	102		80.0-120		05/11/2025 14:59	WG2512487
(S) 4-Bromofluorobenzene	101		77.0-126		05/11/2025 14:59	WG2512487
(S) 1,2-Dichloroethane-d4	108		70.0-130		05/11/2025 14:59	WG2512487

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Calculated Results

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Total Nitrogen	2470000		25900	1	05/12/2025 12:53	WG2512503

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	77.1		1	05/11/2025 12:38	WG2512445

Wet Chemistry by Method 350.1

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	ND		13000	1	05/12/2025 02:49	WG2512500

Wet Chemistry by Method 4500NOrg D-2021

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Kjeldahl Nitrogen, TKN	2470000		130000	5	05/12/2025 12:53	WG2512496

Wet Chemistry by Method 9056A

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	ND		25900	1	05/11/2025 18:31	WG2512503

Wet Chemistry by Method WALKLEY-BLACK

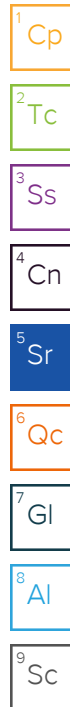
Analyte	Result ug/kg	Qualifier	RDL ug/kg	Dilution	Analysis date / time	Batch
TOC By Walkley Black	36500000		400000	4	05/13/2025 18:03	WG2512864

Metals (ICP) by Method 6010D

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Aluminum	3530000		25900	1	05/11/2025 15:54	WG2512493
Antimony	ND		2590	1	05/11/2025 15:54	WG2512493
Beryllium	613		259	1	05/11/2025 15:54	WG2512493
Calcium	8470000		130000	1	05/11/2025 15:54	WG2512493
Cobalt	2960		1300	1	05/11/2025 15:54	WG2512493
Iron	17900000		13000	1	05/11/2025 15:54	WG2512493
Magnesium	2300000		130000	1	05/11/2025 15:54	WG2512493
Manganese	386000		1300	1	05/11/2025 15:54	WG2512493
Potassium	1580000		130000	1	05/11/2025 15:54	WG2512493
Sodium	183000		130000	1	05/11/2025 15:54	WG2512493
Thallium	ND		2590	1	05/11/2025 15:54	WG2512493
Vanadium	21000		2590	1	05/11/2025 15:54	WG2512493

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Acetone	ND	C3	79.6	1	05/11/2025 16:00	WG2512491
Acrylonitrile	ND		19.9	1	05/11/2025 16:00	WG2512491
Bromobenzene	ND		19.9	1	05/11/2025 16:00	WG2512491
Bromodichloromethane	ND		3.98	1	05/11/2025 16:00	WG2512491
Bromoform	ND		39.8	1	05/11/2025 16:00	WG2512491
Bromomethane	ND	C3	19.9	1	05/11/2025 16:00	WG2512491



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
n-Butylbenzene	ND		19.9	1	05/11/2025 16:00	WG2512491
sec-Butylbenzene	ND		19.9	1	05/11/2025 16:00	WG2512491
tert-Butylbenzene	ND		7.96	1	05/11/2025 16:00	WG2512491
Carbon tetrachloride	ND		7.96	1	05/11/2025 16:00	WG2512491
Chlorobenzene	ND		3.98	1	05/11/2025 16:00	WG2512491
Chlorodibromomethane	ND		3.98	1	05/11/2025 16:00	WG2512491
Chloroethane	ND	C3 J4	7.96	1	05/11/2025 16:00	WG2512491
Chloroform	ND		3.98	1	05/11/2025 16:00	WG2512491
Chloromethane	ND		19.9	1	05/11/2025 16:00	WG2512491
2-Chlorotoluene	ND		3.98	1	05/11/2025 16:00	WG2512491
4-Chlorotoluene	ND		7.96	1	05/11/2025 16:00	WG2512491
1,2-Dibromo-3-Chloropropane	ND		39.8	1	05/11/2025 16:00	WG2512491
1,2-Dibromoethane	ND		3.98	1	05/11/2025 16:00	WG2512491
Dibromomethane	ND		7.96	1	05/11/2025 16:00	WG2512491
1,2-Dichlorobenzene	ND		7.96	1	05/11/2025 16:00	WG2512491
1,3-Dichlorobenzene	ND		7.96	1	05/11/2025 16:00	WG2512491
1,4-Dichlorobenzene	ND		7.96	1	05/11/2025 16:00	WG2512491
Dichlorodifluoromethane	ND		7.96	1	05/11/2025 16:00	WG2512491
1,1-Dichloroethane	ND		3.98	1	05/11/2025 16:00	WG2512491
1,2-Dichloroethane	ND		3.98	1	05/11/2025 16:00	WG2512491
1,1-Dichloroethene	ND		3.98	1	05/11/2025 16:00	WG2512491
cis-1,2-Dichloroethene	ND		3.98	1	05/11/2025 16:00	WG2512491
trans-1,2-Dichloroethene	ND	C3	7.96	1	05/11/2025 16:00	WG2512491
1,2-Dichloropropane	ND		7.96	1	05/11/2025 16:00	WG2512491
1,1-Dichloropropene	ND		3.98	1	05/11/2025 16:00	WG2512491
1,3-Dichloropropane	ND		7.96	1	05/11/2025 16:00	WG2512491
cis-1,3-Dichloropropene	ND		3.98	1	05/11/2025 16:00	WG2512491
trans-1,3-Dichloropropene	ND		7.96	1	05/11/2025 16:00	WG2512491
2,2-Dichloropropane	ND	C3 J4	3.98	1	05/11/2025 16:00	WG2512491
Di-isopropyl ether	ND		1.59	1	05/11/2025 16:00	WG2512491
Hexachloro-1,3-butadiene	ND		39.8	1	05/11/2025 16:00	WG2512491
Isopropylbenzene	ND		3.98	1	05/11/2025 16:00	WG2512491
p-Isopropyltoluene	ND		7.96	1	05/11/2025 16:00	WG2512491
2-Butanone (MEK)	ND		159	1	05/11/2025 16:00	WG2512491
Methylene Chloride	ND	C3	39.8	1	05/11/2025 16:00	WG2512491
4-Methyl-2-pentanone (MIBK)	ND	J4	39.8	1	05/11/2025 16:00	WG2512491
Methyl tert-butyl ether	ND		1.59	1	05/11/2025 16:00	WG2512491
n-Propylbenzene	ND		7.96	1	05/11/2025 16:00	WG2512491
Styrene	ND		19.9	1	05/11/2025 16:00	WG2512491
1,1,1,2-Tetrachloroethane	ND		3.98	1	05/11/2025 16:00	WG2512491
1,1,2,2-Tetrachloroethane	ND		3.98	1	05/11/2025 16:00	WG2512491
1,1,2-Trichlorotrifluoroethane	ND		3.98	1	05/11/2025 16:00	WG2512491
Tetrachloroethene	ND		3.98	1	05/11/2025 16:00	WG2512491
1,2,3-Trichlorobenzene	ND		19.9	1	05/11/2025 16:00	WG2512491
1,2,4-Trichlorobenzene	ND		19.9	1	05/11/2025 16:00	WG2512491
1,1,1-Trichloroethane	ND		3.98	1	05/11/2025 16:00	WG2512491
1,1,2-Trichloroethane	ND		3.98	1	05/11/2025 16:00	WG2512491
Trichloroethene	ND		1.59	1	05/11/2025 16:00	WG2512491
Trichlorofluoromethane	ND		3.98	1	05/11/2025 16:00	WG2512491
1,2,3-Trichloropropane	ND		19.9	1	05/11/2025 16:00	WG2512491
1,2,3-Trimethylbenzene	ND		7.96	1	05/11/2025 16:00	WG2512491
Vinyl chloride	ND		3.98	1	05/11/2025 16:00	WG2512491
(S) Toluene-d8	117		75.0-131		05/11/2025 16:00	WG2512491
(S) 4-Bromofluorobenzene	89.0		67.0-138		05/11/2025 16:00	WG2512491
(S) 1,2-Dichloroethane-d4	87.7		70.0-130		05/11/2025 16:00	WG2512491

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Acenaphthylene	ND		43.2	1	05/11/2025 19:15	WG2512494
Benidine	ND	C7	2160	1	05/11/2025 19:15	WG2512494
Benzo(g,h,i)perylene	ND		43.2	1	05/11/2025 19:15	WG2512494
Bis(2-chlorethoxy)methane	ND		432	1	05/11/2025 19:15	WG2512494
Bis(2-chloroethyl)ether	ND		432	1	05/11/2025 19:15	WG2512494
2,2-Oxybis(1-Chloropropane)	ND		432	1	05/11/2025 19:15	WG2512494
4-Bromophenyl-phenylether	ND		432	1	05/11/2025 19:15	WG2512494
2-Chloronaphthalene	ND		43.2	1	05/11/2025 19:15	WG2512494
4-Chlorophenyl-phenylether	ND		432	1	05/11/2025 19:15	WG2512494
1,2-Dichlorobenzene	ND		432	1	05/11/2025 19:15	WG2512494
1,3-Dichlorobenzene	ND		432	1	05/11/2025 19:15	WG2512494
1,4-Dichlorobenzene	ND		432	1	05/11/2025 19:15	WG2512494
3,3-Dichlorobenzidine	ND		432	1	05/11/2025 19:15	WG2512494
2,4-Dinitrotoluene	ND		432	1	05/11/2025 19:15	WG2512494
2,6-Dinitrotoluene	ND		432	1	05/11/2025 19:15	WG2512494
Hexachlorobenzene	ND		432	1	05/11/2025 19:15	WG2512494
Hexachloro-1,3-butadiene	ND		432	1	05/11/2025 19:15	WG2512494
Hexachlorocyclopentadiene	ND	C3 C7	432	1	05/11/2025 19:15	WG2512494
Hexachloroethane	ND		432	1	05/11/2025 19:15	WG2512494
Isophorone	ND		432	1	05/11/2025 19:15	WG2512494
Nitrobenzene	ND		432	1	05/11/2025 19:15	WG2512494
n-Nitrosodimethylamine	ND		432	1	05/11/2025 19:15	WG2512494
n-Nitrosodiphenylamine	ND		432	1	05/11/2025 19:15	WG2512494
n-Nitrosodi-n-propylamine	ND		432	1	05/11/2025 19:15	WG2512494
Phenanthrene	ND		43.2	1	05/11/2025 19:15	WG2512494
Benzylbutyl phthalate	ND		432	1	05/11/2025 19:15	WG2512494
Bis(2-ethylhexyl)phthalate	ND		432	1	05/11/2025 19:15	WG2512494
Di-n-butyl phthalate	ND		432	1	05/11/2025 19:15	WG2512494
Diethyl phthalate	ND		432	1	05/11/2025 19:15	WG2512494
Dimethyl phthalate	ND		432	1	05/11/2025 19:15	WG2512494
Di-n-octyl phthalate	ND		432	1	05/11/2025 19:15	WG2512494
1,2,4-Trichlorobenzene	ND		432	1	05/11/2025 19:15	WG2512494
4-Chloro-3-methylphenol	ND		432	1	05/11/2025 19:15	WG2512494
2-Chlorophenol	ND		432	1	05/11/2025 19:15	WG2512494
2,4-Dichlorophenol	ND		432	1	05/11/2025 19:15	WG2512494
2,4-Dimethylphenol	ND	C3	432	1	05/11/2025 19:15	WG2512494
4,6-Dinitro-2-methylphenol	ND		432	1	05/11/2025 19:15	WG2512494
2,4-Dinitrophenol	ND		432	1	05/11/2025 19:15	WG2512494
2-Nitrophenol	ND		432	1	05/11/2025 19:15	WG2512494
4-Nitrophenol	ND		432	1	05/11/2025 19:15	WG2512494
Pentachlorophenol	ND		432	1	05/11/2025 19:15	WG2512494
Phenol	ND		432	1	05/11/2025 19:15	WG2512494
2,4,6-Trichlorophenol	ND		432	1	05/11/2025 19:15	WG2512494
(S) 2-Fluorophenol	62.5		12.0-120		05/11/2025 19:15	WG2512494
(S) Phenol-d5	56.7		10.0-120		05/11/2025 19:15	WG2512494
(S) Nitrobenzene-d5	67.8		10.0-122		05/11/2025 19:15	WG2512494
(S) 2-Fluorobiphenyl	60.7		15.0-120		05/11/2025 19:15	WG2512494
(S) 2,4,6-Tribromophenol	87.9		10.0-127		05/11/2025 19:15	WG2512494
(S) p-Terphenyl-d14	62.2		10.0-120		05/11/2025 19:15	WG2512494

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Calculated Results

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Total Nitrogen	1970000		25700	1	05/12/2025 12:54	WG2512503

¹ Cp

² Tc

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	79.3		1	05/11/2025 12:38	WG2512445

³ Ss

⁴ Cn

Wet Chemistry by Method 350.1

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	ND		12600	1	05/12/2025 02:51	WG2512500

⁵ Sr

⁶ Qc

Wet Chemistry by Method 4500NOrg D-2021

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Kjeldahl Nitrogen, TKN	1970000		126000	5	05/12/2025 12:54	WG2512496

⁷ Gl

⁸ Al

Wet Chemistry by Method 9056A

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	ND		25700	1.02	05/11/2025 19:07	WG2512503

⁹ Sc

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result ug/kg	Qualifier	RDL ug/kg	Dilution	Analysis date / time	Batch
TOC By Walkley Black	24400000		500000	5	05/13/2025 18:03	WG2512864

Metals (ICP) by Method 6010D

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Aluminum	4170000		25200	1	05/11/2025 15:56	WG2512493
Antimony	ND		2520	1	05/11/2025 15:56	WG2512493
Beryllium	462		252	1	05/11/2025 15:56	WG2512493
Calcium	5410000		126000	1	05/11/2025 15:56	WG2512493
Cobalt	3560		1260	1	05/11/2025 15:56	WG2512493
Iron	7950000		12600	1	05/11/2025 15:56	WG2512493
Magnesium	2230000		126000	1	05/11/2025 15:56	WG2512493
Manganese	296000		1260	1	05/11/2025 15:56	WG2512493
Potassium	1610000		126000	1	05/11/2025 15:56	WG2512493
Sodium	150000		126000	1	05/11/2025 15:56	WG2512493
Thallium	ND		2520	1	05/11/2025 15:56	WG2512493
Vanadium	13500		2520	1	05/11/2025 15:56	WG2512493

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Acetone	ND	C3	76.1	1	05/11/2025 16:19	WG2512491
Acrylonitrile	ND		19.0	1	05/11/2025 16:19	WG2512491
Bromobenzene	ND		19.0	1	05/11/2025 16:19	WG2512491
Bromodichloromethane	ND		3.80	1	05/11/2025 16:19	WG2512491
Bromoform	ND		38.0	1	05/11/2025 16:19	WG2512491
Bromomethane	ND	C3	19.0	1	05/11/2025 16:19	WG2512491

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
n-Butylbenzene	ND		19.0	1	05/11/2025 16:19	WG2512491
sec-Butylbenzene	ND		19.0	1	05/11/2025 16:19	WG2512491
tert-Butylbenzene	ND		7.61	1	05/11/2025 16:19	WG2512491
Carbon tetrachloride	ND		7.61	1	05/11/2025 16:19	WG2512491
Chlorobenzene	ND		3.80	1	05/11/2025 16:19	WG2512491
Chlorodibromomethane	ND		3.80	1	05/11/2025 16:19	WG2512491
Chloroethane	ND	C3 J4	7.61	1	05/11/2025 16:19	WG2512491
Chloroform	ND		3.80	1	05/11/2025 16:19	WG2512491
Chloromethane	ND		19.0	1	05/11/2025 16:19	WG2512491
2-Chlorotoluene	ND		3.80	1	05/11/2025 16:19	WG2512491
4-Chlorotoluene	ND		7.61	1	05/11/2025 16:19	WG2512491
1,2-Dibromo-3-Chloropropane	ND		38.0	1	05/11/2025 16:19	WG2512491
1,2-Dibromoethane	ND		3.80	1	05/11/2025 16:19	WG2512491
Dibromomethane	ND		7.61	1	05/11/2025 16:19	WG2512491
1,2-Dichlorobenzene	ND		7.61	1	05/11/2025 16:19	WG2512491
1,3-Dichlorobenzene	ND		7.61	1	05/11/2025 16:19	WG2512491
1,4-Dichlorobenzene	ND		7.61	1	05/11/2025 16:19	WG2512491
Dichlorodifluoromethane	ND		7.61	1	05/11/2025 16:19	WG2512491
1,1-Dichloroethane	ND		3.80	1	05/11/2025 16:19	WG2512491
1,2-Dichloroethane	ND		3.80	1	05/11/2025 16:19	WG2512491
1,1-Dichloroethene	ND		3.80	1	05/11/2025 16:19	WG2512491
cis-1,2-Dichloroethene	ND		3.80	1	05/11/2025 16:19	WG2512491
trans-1,2-Dichloroethene	ND	C3	7.61	1	05/11/2025 16:19	WG2512491
1,2-Dichloropropane	ND		7.61	1	05/11/2025 16:19	WG2512491
1,1-Dichloropropene	ND		3.80	1	05/11/2025 16:19	WG2512491
1,3-Dichloropropane	ND		7.61	1	05/11/2025 16:19	WG2512491
cis-1,3-Dichloropropene	ND		3.80	1	05/11/2025 16:19	WG2512491
trans-1,3-Dichloropropene	ND		7.61	1	05/11/2025 16:19	WG2512491
2,2-Dichloropropane	ND	C3 J4	3.80	1	05/11/2025 16:19	WG2512491
Di-isopropyl ether	ND		1.52	1	05/11/2025 16:19	WG2512491
Hexachloro-1,3-butadiene	ND		38.0	1	05/11/2025 16:19	WG2512491
Isopropylbenzene	ND		3.80	1	05/11/2025 16:19	WG2512491
p-Isopropyltoluene	ND		7.61	1	05/11/2025 16:19	WG2512491
2-Butanone (MEK)	ND		152	1	05/11/2025 16:19	WG2512491
Methylene Chloride	ND	C3	38.0	1	05/11/2025 16:19	WG2512491
4-Methyl-2-pentanone (MIBK)	ND	J4	38.0	1	05/11/2025 16:19	WG2512491
Methyl tert-butyl ether	ND		1.52	1	05/11/2025 16:19	WG2512491
n-Propylbenzene	ND		7.61	1	05/11/2025 16:19	WG2512491
Styrene	ND		19.0	1	05/11/2025 16:19	WG2512491
1,1,1,2-Tetrachloroethane	ND		3.80	1	05/11/2025 16:19	WG2512491
1,1,2,2-Tetrachloroethane	ND		3.80	1	05/11/2025 16:19	WG2512491
1,1,2-Trichlorotrifluoroethane	ND		3.80	1	05/11/2025 16:19	WG2512491
Tetrachloroethene	ND		3.80	1	05/11/2025 16:19	WG2512491
1,2,3-Trichlorobenzene	ND		19.0	1	05/11/2025 16:19	WG2512491
1,2,4-Trichlorobenzene	ND		19.0	1	05/11/2025 16:19	WG2512491
1,1,1-Trichloroethane	ND		3.80	1	05/11/2025 16:19	WG2512491
1,1,2-Trichloroethane	ND		3.80	1	05/11/2025 16:19	WG2512491
Trichloroethene	ND		1.52	1	05/11/2025 16:19	WG2512491
Trichlorofluoromethane	ND		3.80	1	05/11/2025 16:19	WG2512491
1,2,3-Trichloropropane	ND		19.0	1	05/11/2025 16:19	WG2512491
1,2,3-Trimethylbenzene	ND		7.61	1	05/11/2025 16:19	WG2512491
Vinyl chloride	ND		3.80	1	05/11/2025 16:19	WG2512491
(S) Toluene-d8	126		75.0-131		05/11/2025 16:19	WG2512491
(S) 4-Bromofluorobenzene	87.9		67.0-138		05/11/2025 16:19	WG2512491
(S) 1,2-Dichloroethane-d4	88.7		70.0-130		05/11/2025 16:19	WG2512491

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Acenaphthylene	ND		42.0	1	05/11/2025 19:35	WG2512494
Benzdine	ND	C7	2110	1	05/11/2025 19:35	WG2512494
Benzo(g,h,i)perylene	ND		42.0	1	05/11/2025 19:35	WG2512494
Bis(2-chlorethoxy)methane	ND		420	1	05/11/2025 19:35	WG2512494
Bis(2-chloroethyl)ether	ND		420	1	05/11/2025 19:35	WG2512494
2,2-Oxybis(1-Chloropropane)	ND		420	1	05/11/2025 19:35	WG2512494
4-Bromophenyl-phenylether	ND		420	1	05/11/2025 19:35	WG2512494
2-Chloronaphthalene	ND		42.0	1	05/11/2025 19:35	WG2512494
4-Chlorophenyl-phenylether	ND		420	1	05/11/2025 19:35	WG2512494
1,2-Dichlorobenzene	ND		420	1	05/11/2025 19:35	WG2512494
1,3-Dichlorobenzene	ND		420	1	05/11/2025 19:35	WG2512494
1,4-Dichlorobenzene	ND		420	1	05/11/2025 19:35	WG2512494
3,3-Dichlorobenzidine	ND		420	1	05/11/2025 19:35	WG2512494
2,4-Dinitrotoluene	ND		420	1	05/11/2025 19:35	WG2512494
2,6-Dinitrotoluene	ND		420	1	05/11/2025 19:35	WG2512494
Hexachlorobenzene	ND		420	1	05/11/2025 19:35	WG2512494
Hexachloro-1,3-butadiene	ND		420	1	05/11/2025 19:35	WG2512494
Hexachlorocyclopentadiene	ND	C3 C7	420	1	05/11/2025 19:35	WG2512494
Hexachloroethane	ND		420	1	05/11/2025 19:35	WG2512494
Isophorone	ND		420	1	05/11/2025 19:35	WG2512494
Nitrobenzene	ND		420	1	05/11/2025 19:35	WG2512494
n-Nitrosodimethylamine	ND		420	1	05/11/2025 19:35	WG2512494
n-Nitrosodiphenylamine	ND		420	1	05/11/2025 19:35	WG2512494
n-Nitrosodi-n-propylamine	ND		420	1	05/11/2025 19:35	WG2512494
Phenanthrene	ND		42.0	1	05/11/2025 19:35	WG2512494
Benzylbutyl phthalate	ND		420	1	05/11/2025 19:35	WG2512494
Bis(2-ethylhexyl)phthalate	ND		420	1	05/11/2025 19:35	WG2512494
Di-n-butyl phthalate	ND		420	1	05/11/2025 19:35	WG2512494
Diethyl phthalate	ND		420	1	05/11/2025 19:35	WG2512494
Dimethyl phthalate	ND		420	1	05/11/2025 19:35	WG2512494
Di-n-octyl phthalate	ND		420	1	05/11/2025 19:35	WG2512494
1,2,4-Trichlorobenzene	ND		420	1	05/11/2025 19:35	WG2512494
4-Chloro-3-methylphenol	ND		420	1	05/11/2025 19:35	WG2512494
2-Chlorophenol	ND		420	1	05/11/2025 19:35	WG2512494
2,4-Dichlorophenol	ND		420	1	05/11/2025 19:35	WG2512494
2,4-Dimethylphenol	ND	C3	420	1	05/11/2025 19:35	WG2512494
4,6-Dinitro-2-methylphenol	ND		420	1	05/11/2025 19:35	WG2512494
2,4-Dinitrophenol	ND		420	1	05/11/2025 19:35	WG2512494
2-Nitrophenol	ND		420	1	05/11/2025 19:35	WG2512494
4-Nitrophenol	ND		420	1	05/11/2025 19:35	WG2512494
Pentachlorophenol	ND		420	1	05/11/2025 19:35	WG2512494
Phenol	ND		420	1	05/11/2025 19:35	WG2512494
2,4,6-Trichlorophenol	ND		420	1	05/11/2025 19:35	WG2512494
(S) 2-Fluorophenol	66.6		12.0-120		05/11/2025 19:35	WG2512494
(S) Phenol-d5	61.8		10.0-120		05/11/2025 19:35	WG2512494
(S) Nitrobenzene-d5	68.5		10.0-122		05/11/2025 19:35	WG2512494
(S) 2-Fluorobiphenyl	72.6		15.0-120		05/11/2025 19:35	WG2512494
(S) 2,4,6-Tribromophenol	104		10.0-127		05/11/2025 19:35	WG2512494
(S) p-Terphenyl-d14	72.6		10.0-120		05/11/2025 19:35	WG2512494

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Calculated Results

	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg		date / time	
Total Nitrogen	1310000		22500	1	05/12/2025 12:54	WG2512503

1
Cp

2
Tc

3
Ss

4
Cn

5
Sr

6
Qc

7
Gl

8
Al

9
Sc

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch
Analyte	%			date / time	
Total Solids	89.7		1	05/11/2025 12:38	WG2512445

Wet Chemistry by Method 350.1

	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg		date / time	
Ammonia Nitrogen	ND		11200	1	05/12/2025 02:52	WG2512500

Wet Chemistry by Method 4500NOrg D-2021

	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg		date / time	
Kjeldahl Nitrogen, TKN	1290000		112000	5	05/12/2025 12:54	WG2512496

Wet Chemistry by Method 9056A

	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg		date / time	
Nitrate-Nitrite	ND		22500	1.01	05/11/2025 19:24	WG2512503

Wet Chemistry by Method WALKLEY-BLACK

	Result	Qualifier	RDL	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg		date / time	
TOC By Walkley Black	23200000		500000	5	05/13/2025 18:04	WG2512864

Metals (ICP) by Method 6010D

	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg		date / time	
Aluminum	3950000		22300	1	05/11/2025 15:58	WG2512493
Antimony	ND		2230	1	05/11/2025 15:58	WG2512493
Beryllium	497		223	1	05/11/2025 15:58	WG2512493
Calcium	6500000		112000	1	05/11/2025 15:58	WG2512493
Cobalt	3510		1120	1	05/11/2025 15:58	WG2512493
Iron	1100000		11200	1	05/11/2025 15:58	WG2512493
Magnesium	2200000		112000	1	05/11/2025 15:58	WG2512493
Manganese	321000		1120	1	05/11/2025 15:58	WG2512493
Potassium	1920000		112000	1	05/11/2025 15:58	WG2512493
Sodium	251000		112000	1	05/11/2025 15:58	WG2512493
Thallium	ND		2230	1	05/11/2025 15:58	WG2512493
Vanadium	15000		2230	1	05/11/2025 15:58	WG2512493

Volatile Organic Compounds (GC/MS) by Method 8260D

	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg		date / time	
Acetone	ND	C3	61.5	1	05/11/2025 16:39	WG2512491
Acrylonitrile	ND		15.4	1	05/11/2025 16:39	WG2512491
Bromobenzene	ND		15.4	1	05/11/2025 16:39	WG2512491
Bromodichloromethane	ND		3.08	1	05/11/2025 16:39	WG2512491
Bromoform	ND		30.8	1	05/11/2025 16:39	WG2512491
Bromomethane	ND	C3	15.4	1	05/11/2025 16:39	WG2512491

GACO0510T152S007

Collected date/time: 05/10/25 09:00

SAMPLE RESULTS - 09

L1857695

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
n-Butylbenzene	ND		15.4	1	05/11/2025 16:39	WG2512491
sec-Butylbenzene	ND		15.4	1	05/11/2025 16:39	WG2512491
tert-Butylbenzene	ND		6.15	1	05/11/2025 16:39	WG2512491
Carbon tetrachloride	ND		6.15	1	05/11/2025 16:39	WG2512491
Chlorobenzene	ND		3.08	1	05/11/2025 16:39	WG2512491
Chlorodibromomethane	ND		3.08	1	05/11/2025 16:39	WG2512491
Chloroethane	ND	C3 J4	6.15	1	05/11/2025 16:39	WG2512491
Chloroform	ND		3.08	1	05/11/2025 16:39	WG2512491
Chloromethane	ND		15.4	1	05/11/2025 16:39	WG2512491
2-Chlorotoluene	ND		3.08	1	05/11/2025 16:39	WG2512491
4-Chlorotoluene	ND		6.15	1	05/11/2025 16:39	WG2512491
1,2-Dibromo-3-Chloropropane	ND		30.8	1	05/11/2025 16:39	WG2512491
1,2-Dibromoethane	ND		3.08	1	05/11/2025 16:39	WG2512491
Dibromomethane	ND		6.15	1	05/11/2025 16:39	WG2512491
1,2-Dichlorobenzene	ND		6.15	1	05/11/2025 16:39	WG2512491
1,3-Dichlorobenzene	ND		6.15	1	05/11/2025 16:39	WG2512491
1,4-Dichlorobenzene	ND		6.15	1	05/11/2025 16:39	WG2512491
Dichlorodifluoromethane	ND		6.15	1	05/11/2025 16:39	WG2512491
1,1-Dichloroethane	ND		3.08	1	05/11/2025 16:39	WG2512491
1,2-Dichloroethane	ND		3.08	1	05/11/2025 16:39	WG2512491
1,1-Dichloroethene	ND		3.08	1	05/11/2025 16:39	WG2512491
cis-1,2-Dichloroethene	ND		3.08	1	05/11/2025 16:39	WG2512491
trans-1,2-Dichloroethene	ND	C3	6.15	1	05/11/2025 16:39	WG2512491
1,2-Dichloropropane	ND		6.15	1	05/11/2025 16:39	WG2512491
1,1-Dichloropropene	ND		3.08	1	05/11/2025 16:39	WG2512491
1,3-Dichloropropane	ND		6.15	1	05/11/2025 16:39	WG2512491
cis-1,3-Dichloropropene	ND		3.08	1	05/11/2025 16:39	WG2512491
trans-1,3-Dichloropropene	ND		6.15	1	05/11/2025 16:39	WG2512491
2,2-Dichloropropane	ND	C3 J4	3.08	1	05/11/2025 16:39	WG2512491
Di-isopropyl ether	ND		1.23	1	05/11/2025 16:39	WG2512491
Hexachloro-1,3-butadiene	ND		30.8	1	05/11/2025 16:39	WG2512491
Isopropylbenzene	ND		3.08	1	05/11/2025 16:39	WG2512491
p-Isopropyltoluene	ND		6.15	1	05/11/2025 16:39	WG2512491
2-Butanone (MEK)	ND		123	1	05/11/2025 16:39	WG2512491
Methylene Chloride	ND	C3	30.8	1	05/11/2025 16:39	WG2512491
4-Methyl-2-pentanone (MIBK)	ND	J4	30.8	1	05/11/2025 16:39	WG2512491
Methyl tert-butyl ether	ND		1.23	1	05/11/2025 16:39	WG2512491
n-Propylbenzene	ND		6.15	1	05/11/2025 16:39	WG2512491
Styrene	ND		15.4	1	05/11/2025 16:39	WG2512491
1,1,1,2-Tetrachloroethane	ND		3.08	1	05/11/2025 16:39	WG2512491
1,1,2,2-Tetrachloroethane	ND		3.08	1	05/11/2025 16:39	WG2512491
1,1,2-Trichlorotrifluoroethane	ND		3.08	1	05/11/2025 16:39	WG2512491
Tetrachloroethene	ND		3.08	1	05/11/2025 16:39	WG2512491
1,2,3-Trichlorobenzene	ND		15.4	1	05/11/2025 16:39	WG2512491
1,2,4-Trichlorobenzene	ND		15.4	1	05/11/2025 16:39	WG2512491
1,1,1-Trichloroethane	ND		3.08	1	05/11/2025 16:39	WG2512491
1,1,2-Trichloroethane	ND		3.08	1	05/11/2025 16:39	WG2512491
Trichloroethene	ND		1.23	1	05/11/2025 16:39	WG2512491
Trichlorofluoromethane	ND		3.08	1	05/11/2025 16:39	WG2512491
1,2,3-Trichloropropane	ND		15.4	1	05/11/2025 16:39	WG2512491
1,2,3-Trimethylbenzene	ND		6.15	1	05/11/2025 16:39	WG2512491
Vinyl chloride	ND		3.08	1	05/11/2025 16:39	WG2512491
(S) Toluene-d8	116		75.0-131		05/11/2025 16:39	WG2512491
(S) 4-Bromofluorobenzene	83.8		67.0-138		05/11/2025 16:39	WG2512491
(S) 1,2-Dichloroethane-d4	87.2		70.0-130		05/11/2025 16:39	WG2512491

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

GACO0510T152S007

Collected date/time: 05/10/25 09:00

SAMPLE RESULTS - 09

L1857695

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Acenaphthylene	ND		37.1	1	05/11/2025 19:56	WG2512494
Benidine	ND	C7	1860	1	05/11/2025 19:56	WG2512494
Benzo(g,h,i)perylene	ND		37.1	1	05/11/2025 19:56	WG2512494
Bis(2-chlorethoxy)methane	ND		371	1	05/11/2025 19:56	WG2512494
Bis(2-chloroethyl)ether	ND		371	1	05/11/2025 19:56	WG2512494
2,2-Oxybis(1-Chloropropane)	ND		371	1	05/11/2025 19:56	WG2512494
4-Bromophenyl-phenylether	ND		371	1	05/11/2025 19:56	WG2512494
2-Chloronaphthalene	ND		37.1	1	05/11/2025 19:56	WG2512494
4-Chlorophenyl-phenylether	ND		371	1	05/11/2025 19:56	WG2512494
1,2-Dichlorobenzene	ND		371	1	05/11/2025 19:56	WG2512494
1,3-Dichlorobenzene	ND		371	1	05/11/2025 19:56	WG2512494
1,4-Dichlorobenzene	ND		371	1	05/11/2025 19:56	WG2512494
3,3-Dichlorobenzidine	ND		371	1	05/11/2025 19:56	WG2512494
2,4-Dinitrotoluene	ND		371	1	05/11/2025 19:56	WG2512494
2,6-Dinitrotoluene	ND		371	1	05/11/2025 19:56	WG2512494
Hexachlorobenzene	ND		371	1	05/11/2025 19:56	WG2512494
Hexachloro-1,3-butadiene	ND		371	1	05/11/2025 19:56	WG2512494
Hexachlorocyclopentadiene	ND	C3 C7	371	1	05/11/2025 19:56	WG2512494
Hexachloroethane	ND		371	1	05/11/2025 19:56	WG2512494
Isophorone	ND		371	1	05/11/2025 19:56	WG2512494
Nitrobenzene	ND		371	1	05/11/2025 19:56	WG2512494
n-Nitrosodimethylamine	ND		371	1	05/11/2025 19:56	WG2512494
n-Nitrosodiphenylamine	ND		371	1	05/11/2025 19:56	WG2512494
n-Nitrosodi-n-propylamine	ND		371	1	05/11/2025 19:56	WG2512494
Phenanthrene	ND		37.1	1	05/11/2025 19:56	WG2512494
Benzylbutyl phthalate	ND		371	1	05/11/2025 19:56	WG2512494
Bis(2-ethylhexyl)phthalate	ND		371	1	05/11/2025 19:56	WG2512494
Di-n-butyl phthalate	ND		371	1	05/11/2025 19:56	WG2512494
Diethyl phthalate	ND		371	1	05/11/2025 19:56	WG2512494
Dimethyl phthalate	ND		371	1	05/11/2025 19:56	WG2512494
Di-n-octyl phthalate	ND		371	1	05/11/2025 19:56	WG2512494
1,2,4-Trichlorobenzene	ND		371	1	05/11/2025 19:56	WG2512494
4-Chloro-3-methylphenol	ND		371	1	05/11/2025 19:56	WG2512494
2-Chlorophenol	ND		371	1	05/11/2025 19:56	WG2512494
2,4-Dichlorophenol	ND		371	1	05/11/2025 19:56	WG2512494
2,4-Dimethylphenol	ND	C3	371	1	05/11/2025 19:56	WG2512494
4,6-Dinitro-2-methylphenol	ND		371	1	05/11/2025 19:56	WG2512494
2,4-Dinitrophenol	ND		371	1	05/11/2025 19:56	WG2512494
2-Nitrophenol	ND		371	1	05/11/2025 19:56	WG2512494
4-Nitrophenol	ND		371	1	05/11/2025 19:56	WG2512494
Pentachlorophenol	ND		371	1	05/11/2025 19:56	WG2512494
Phenol	ND		371	1	05/11/2025 19:56	WG2512494
2,4,6-Trichlorophenol	ND		371	1	05/11/2025 19:56	WG2512494
(S) 2-Fluorophenol	86.8		12.0-120		05/11/2025 19:56	WG2512494
(S) Phenol-d5	73.2		10.0-120		05/11/2025 19:56	WG2512494
(S) Nitrobenzene-d5	85.3		10.0-122		05/11/2025 19:56	WG2512494
(S) 2-Fluorobiphenyl	83.1		15.0-120		05/11/2025 19:56	WG2512494
(S) 2,4,6-Tribromophenol	120		10.0-127		05/11/2025 19:56	WG2512494
(S) p-Terphenyl-d14	86.5		10.0-120		05/11/2025 19:56	WG2512494

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		50.0	1	05/11/2025 15:22	WG2512487
Acrolein	ND	J4	50.0	1	05/11/2025 15:22	WG2512487
Acrylonitrile	ND		10.0	1	05/11/2025 15:22	WG2512487
Benzene	ND		1.00	1	05/11/2025 15:22	WG2512487
Bromobenzene	ND		1.00	1	05/11/2025 15:22	WG2512487
Bromodichloromethane	ND		1.00	1	05/11/2025 15:22	WG2512487
Bromoform	ND	C3	1.00	1	05/11/2025 15:22	WG2512487
Bromomethane	ND	C3	5.00	1	05/11/2025 15:22	WG2512487
n-Butylbenzene	ND		1.00	1	05/11/2025 15:22	WG2512487
sec-Butylbenzene	ND		1.00	1	05/11/2025 15:22	WG2512487
tert-Butylbenzene	ND		1.00	1	05/11/2025 15:22	WG2512487
Carbon tetrachloride	ND		1.00	1	05/11/2025 15:22	WG2512487
Chlorobenzene	ND		1.00	1	05/11/2025 15:22	WG2512487
Chlorodibromomethane	ND		1.00	1	05/11/2025 15:22	WG2512487
Chloroethane	ND		5.00	1	05/11/2025 15:22	WG2512487
Chloroform	ND		5.00	1	05/11/2025 15:22	WG2512487
Chloromethane	ND		2.50	1	05/11/2025 15:22	WG2512487
2-Chlorotoluene	ND		1.00	1	05/11/2025 15:22	WG2512487
4-Chlorotoluene	ND		1.00	1	05/11/2025 15:22	WG2512487
1,2-Dibromo-3-Chloropropane	ND	C3	5.00	1	05/11/2025 15:22	WG2512487
1,2-Dibromoethane	ND		1.00	1	05/11/2025 15:22	WG2512487
Dibromomethane	ND		1.00	1	05/11/2025 15:22	WG2512487
1,2-Dichlorobenzene	ND		1.00	1	05/11/2025 15:22	WG2512487
1,3-Dichlorobenzene	ND		1.00	1	05/11/2025 15:22	WG2512487
1,4-Dichlorobenzene	ND		1.00	1	05/11/2025 15:22	WG2512487
Dichlorodifluoromethane	ND		5.00	1	05/11/2025 15:22	WG2512487
1,1-Dichloroethane	ND		1.00	1	05/11/2025 15:22	WG2512487
1,2-Dichloroethane	ND		1.00	1	05/11/2025 15:22	WG2512487
1,1-Dichloroethene	ND		1.00	1	05/11/2025 15:22	WG2512487
cis-1,2-Dichloroethene	ND		1.00	1	05/11/2025 15:22	WG2512487
trans-1,2-Dichloroethene	ND		1.00	1	05/11/2025 15:22	WG2512487
1,2-Dichloropropane	ND		1.00	1	05/11/2025 15:22	WG2512487
1,1-Dichloropropene	ND		1.00	1	05/11/2025 15:22	WG2512487
1,3-Dichloropropane	ND		1.00	1	05/11/2025 15:22	WG2512487
cis-1,3-Dichloropropene	ND		1.00	1	05/11/2025 15:22	WG2512487
trans-1,3-Dichloropropene	ND		1.00	1	05/11/2025 15:22	WG2512487
2,2-Dichloropropane	ND		1.00	1	05/11/2025 15:22	WG2512487
Di-isopropyl ether	ND		1.00	1	05/11/2025 15:22	WG2512487
Ethylbenzene	ND		1.00	1	05/11/2025 15:22	WG2512487
Hexachloro-1,3-butadiene	ND		1.00	1	05/11/2025 15:22	WG2512487
Isopropylbenzene	ND		1.00	1	05/11/2025 15:22	WG2512487
p-Isopropyltoluene	ND		1.00	1	05/11/2025 15:22	WG2512487
2-Butanone (MEK)	ND		10.0	1	05/11/2025 15:22	WG2512487
Methylene Chloride	ND		5.00	1	05/11/2025 15:22	WG2512487
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	05/11/2025 15:22	WG2512487
Methyl tert-butyl ether	ND		1.00	1	05/11/2025 15:22	WG2512487
Naphthalene	ND	C3	5.00	1	05/11/2025 15:22	WG2512487
n-Propylbenzene	ND		1.00	1	05/11/2025 15:22	WG2512487
Styrene	ND	C3 J4	1.00	1	05/11/2025 15:22	WG2512487
1,1,1,2-Tetrachloroethane	ND		1.00	1	05/11/2025 15:22	WG2512487
1,1,2,2-Tetrachloroethane	ND		1.00	1	05/11/2025 15:22	WG2512487
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	05/11/2025 15:22	WG2512487
Tetrachloroethene	ND		1.00	1	05/11/2025 15:22	WG2512487
Toluene	ND		1.00	1	05/11/2025 15:22	WG2512487
1,2,3-Trichlorobenzene	ND		1.00	1	05/11/2025 15:22	WG2512487
1,2,4-Trichlorobenzene	ND		1.00	1	05/11/2025 15:22	WG2512487

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,1-Trichloroethane	ND		1.00	1	05/11/2025 15:22	WG2512487
1,1,2-Trichloroethane	ND		1.00	1	05/11/2025 15:22	WG2512487
Trichloroethene	ND		1.00	1	05/11/2025 15:22	WG2512487
Trichlorofluoromethane	ND		5.00	1	05/11/2025 15:22	WG2512487
1,2,3-Trichloropropane	ND		2.50	1	05/11/2025 15:22	WG2512487
1,2,4-Trimethylbenzene	ND		1.00	1	05/11/2025 15:22	WG2512487
1,2,3-Trimethylbenzene	ND		1.00	1	05/11/2025 15:22	WG2512487
1,3,5-Trimethylbenzene	ND		1.00	1	05/11/2025 15:22	WG2512487
Vinyl chloride	ND		1.00	1	05/11/2025 15:22	WG2512487
Xylenes, Total	ND		3.00	1	05/11/2025 15:22	WG2512487
(S) Toluene-d8	99.3		80.0-120		05/11/2025 15:22	WG2512487
(S) 4-Bromofluorobenzene	102		77.0-126		05/11/2025 15:22	WG2512487
(S) 1,2-Dichloroethane-d4	109		70.0-130		05/11/2025 15:22	WG2512487

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Calculated Results

	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg		date / time	
Total Nitrogen	1970000		23300	1	05/12/2025 12:59	WG2512503

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch
Analyte	%			date / time	
Total Solids	85.8		1	05/11/2025 12:38	WG2512445

Wet Chemistry by Method 350.1

	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg		date / time	
Ammonia Nitrogen	ND		11700	1	05/12/2025 02:58	WG2512500

Wet Chemistry by Method 4500NOrg D-2021

	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg		date / time	
Kjeldahl Nitrogen, TKN	1950000		117000	5	05/12/2025 12:59	WG2512496

Wet Chemistry by Method 9056A

	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg		date / time	
Nitrate-Nitrite	ND		23300	1	05/11/2025 19:40	WG2512503

Wet Chemistry by Method WALKLEY-BLACK

	Result	Qualifier	RDL	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg		date / time	
TOC By Walkley Black	33400000		500000	5	05/13/2025 18:06	WG2512864

Metals (ICP) by Method 6010D

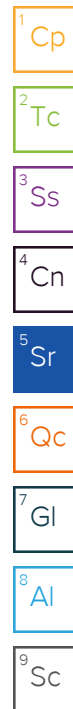
	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg		date / time	
Aluminum	4740000		23300	1	05/11/2025 15:59	WG2512493
Antimony	ND		2330	1	05/11/2025 15:59	WG2512493
Beryllium	526		233	1	05/11/2025 15:59	WG2512493
Calcium	3650000		117000	1	05/11/2025 15:59	WG2512493
Cobalt	4490		1170	1	05/11/2025 15:59	WG2512493
Iron	7840000		11700	1	05/11/2025 15:59	WG2512493
Magnesium	2270000		117000	1	05/11/2025 15:59	WG2512493
Manganese	359000		1170	1	05/11/2025 15:59	WG2512493
Potassium	2490000		117000	1	05/11/2025 15:59	WG2512493
Sodium	ND		117000	1	05/11/2025 15:59	WG2512493
Thallium	ND		2330	1	05/11/2025 15:59	WG2512493
Vanadium	13200		2330	1	05/11/2025 15:59	WG2512493

Volatile Organic Compounds (GC/MS) by Method 8260D

	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg		date / time	
Acetone	ND	C3	66.6	1	05/11/2025 16:58	WG2512491
Acrylonitrile	ND		16.6	1	05/11/2025 16:58	WG2512491
Bromobenzene	ND		16.6	1	05/11/2025 16:58	WG2512491
Bromodichloromethane	ND		3.33	1	05/11/2025 16:58	WG2512491
Bromoform	ND		33.3	1	05/11/2025 16:58	WG2512491
Bromomethane	ND	C3	16.6	1	05/11/2025 16:58	WG2512491

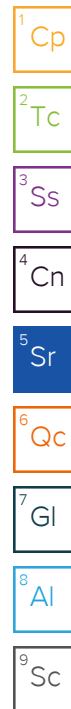
Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
n-Butylbenzene	ND		16.6	1	05/11/2025 16:58	WG2512491
sec-Butylbenzene	ND		16.6	1	05/11/2025 16:58	WG2512491
tert-Butylbenzene	ND		6.66	1	05/11/2025 16:58	WG2512491
Carbon tetrachloride	ND		6.66	1	05/11/2025 16:58	WG2512491
Chlorobenzene	ND		3.33	1	05/11/2025 16:58	WG2512491
Chlorodibromomethane	ND		3.33	1	05/11/2025 16:58	WG2512491
Chloroethane	ND	C3 J4	6.66	1	05/11/2025 16:58	WG2512491
Chloroform	ND		3.33	1	05/11/2025 16:58	WG2512491
Chloromethane	ND		16.6	1	05/11/2025 16:58	WG2512491
2-Chlorotoluene	ND		3.33	1	05/11/2025 16:58	WG2512491
4-Chlorotoluene	ND		6.66	1	05/11/2025 16:58	WG2512491
1,2-Dibromo-3-Chloropropane	ND		33.3	1	05/11/2025 16:58	WG2512491
1,2-Dibromoethane	ND		3.33	1	05/11/2025 16:58	WG2512491
Dibromomethane	ND		6.66	1	05/11/2025 16:58	WG2512491
1,2-Dichlorobenzene	ND		6.66	1	05/11/2025 16:58	WG2512491
1,3-Dichlorobenzene	ND		6.66	1	05/11/2025 16:58	WG2512491
1,4-Dichlorobenzene	ND		6.66	1	05/11/2025 16:58	WG2512491
Dichlorodifluoromethane	ND		6.66	1	05/11/2025 16:58	WG2512491
1,1-Dichloroethane	ND		3.33	1	05/11/2025 16:58	WG2512491
1,2-Dichloroethane	ND		3.33	1	05/11/2025 16:58	WG2512491
1,1-Dichloroethene	ND		3.33	1	05/11/2025 16:58	WG2512491
cis-1,2-Dichloroethene	ND		3.33	1	05/11/2025 16:58	WG2512491
trans-1,2-Dichloroethene	ND	C3	6.66	1	05/11/2025 16:58	WG2512491
1,2-Dichloropropane	ND		6.66	1	05/11/2025 16:58	WG2512491
1,1-Dichloropropene	ND		3.33	1	05/11/2025 16:58	WG2512491
1,3-Dichloropropane	ND		6.66	1	05/11/2025 16:58	WG2512491
cis-1,3-Dichloropropene	ND		3.33	1	05/11/2025 16:58	WG2512491
trans-1,3-Dichloropropene	ND		6.66	1	05/11/2025 16:58	WG2512491
2,2-Dichloropropane	ND	C3 J4	3.33	1	05/11/2025 16:58	WG2512491
Di-isopropyl ether	ND		1.33	1	05/11/2025 16:58	WG2512491
Hexachloro-1,3-butadiene	ND		33.3	1	05/11/2025 16:58	WG2512491
Isopropylbenzene	ND		3.33	1	05/11/2025 16:58	WG2512491
p-Isopropyltoluene	ND		6.66	1	05/11/2025 16:58	WG2512491
2-Butanone (MEK)	ND		133	1	05/11/2025 16:58	WG2512491
Methylene Chloride	ND	C3	33.3	1	05/11/2025 16:58	WG2512491
4-Methyl-2-pentanone (MIBK)	ND	J4	33.3	1	05/11/2025 16:58	WG2512491
Methyl tert-butyl ether	ND		1.33	1	05/11/2025 16:58	WG2512491
n-Propylbenzene	ND		6.66	1	05/11/2025 16:58	WG2512491
Styrene	ND		16.6	1	05/11/2025 16:58	WG2512491
1,1,1,2-Tetrachloroethane	ND		3.33	1	05/11/2025 16:58	WG2512491
1,1,2,2-Tetrachloroethane	ND		3.33	1	05/11/2025 16:58	WG2512491
1,1,2-Trichlorotrifluoroethane	ND		3.33	1	05/11/2025 16:58	WG2512491
Tetrachloroethene	ND		3.33	1	05/11/2025 16:58	WG2512491
1,2,3-Trichlorobenzene	ND		16.6	1	05/11/2025 16:58	WG2512491
1,2,4-Trichlorobenzene	ND		16.6	1	05/11/2025 16:58	WG2512491
1,1,1-Trichloroethane	ND		3.33	1	05/11/2025 16:58	WG2512491
1,1,2-Trichloroethane	ND		3.33	1	05/11/2025 16:58	WG2512491
Trichloroethene	ND		1.33	1	05/11/2025 16:58	WG2512491
Trichlorofluoromethane	ND		3.33	1	05/11/2025 16:58	WG2512491
1,2,3-Trichloropropane	ND		16.6	1	05/11/2025 16:58	WG2512491
1,2,3-Trimethylbenzene	ND		6.66	1	05/11/2025 16:58	WG2512491
Vinyl chloride	ND		3.33	1	05/11/2025 16:58	WG2512491
(S) Toluene-d8	114		75.0-131		05/11/2025 16:58	WG2512491
(S) 4-Bromofluorobenzene	88.8		67.0-138		05/11/2025 16:58	WG2512491
(S) 1,2-Dichloroethane-d4	92.5		70.0-130		05/11/2025 16:58	WG2512491



Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Acenaphthylene	ND		38.8	1	05/11/2025 20:16	WG2512494
Benidine	ND	C7	1950	1	05/11/2025 20:16	WG2512494
Benzo(g,h,i)perylene	ND		38.8	1	05/11/2025 20:16	WG2512494
Bis(2-chlorethoxy)methane	ND		388	1	05/11/2025 20:16	WG2512494
Bis(2-chloroethyl)ether	ND		388	1	05/11/2025 20:16	WG2512494
2,2-Oxybis(1-Chloropropane)	ND		388	1	05/11/2025 20:16	WG2512494
4-Bromophenyl-phenylether	ND		388	1	05/11/2025 20:16	WG2512494
2-Chloronaphthalene	ND		38.8	1	05/11/2025 20:16	WG2512494
4-Chlorophenyl-phenylether	ND		388	1	05/11/2025 20:16	WG2512494
1,2-Dichlorobenzene	ND		388	1	05/11/2025 20:16	WG2512494
1,3-Dichlorobenzene	ND		388	1	05/11/2025 20:16	WG2512494
1,4-Dichlorobenzene	ND		388	1	05/11/2025 20:16	WG2512494
3,3-Dichlorobenzidine	ND		388	1	05/11/2025 20:16	WG2512494
2,4-Dinitrotoluene	ND		388	1	05/11/2025 20:16	WG2512494
2,6-Dinitrotoluene	ND		388	1	05/11/2025 20:16	WG2512494
Hexachlorobenzene	ND		388	1	05/11/2025 20:16	WG2512494
Hexachloro-1,3-butadiene	ND		388	1	05/11/2025 20:16	WG2512494
Hexachlorocyclopentadiene	ND	C3 C7	388	1	05/11/2025 20:16	WG2512494
Hexachloroethane	ND		388	1	05/11/2025 20:16	WG2512494
Isophorone	ND		388	1	05/11/2025 20:16	WG2512494
Nitrobenzene	ND		388	1	05/11/2025 20:16	WG2512494
n-Nitrosodimethylamine	ND		388	1	05/11/2025 20:16	WG2512494
n-Nitrosodiphenylamine	ND		388	1	05/11/2025 20:16	WG2512494
n-Nitrosodi-n-propylamine	ND		388	1	05/11/2025 20:16	WG2512494
Phenanthrene	ND		38.8	1	05/11/2025 20:16	WG2512494
Benzylbutyl phthalate	ND		388	1	05/11/2025 20:16	WG2512494
Bis(2-ethylhexyl)phthalate	ND		388	1	05/11/2025 20:16	WG2512494
Di-n-butyl phthalate	ND		388	1	05/11/2025 20:16	WG2512494
Diethyl phthalate	ND		388	1	05/11/2025 20:16	WG2512494
Dimethyl phthalate	ND		388	1	05/11/2025 20:16	WG2512494
Di-n-octyl phthalate	ND		388	1	05/11/2025 20:16	WG2512494
1,2,4-Trichlorobenzene	ND		388	1	05/11/2025 20:16	WG2512494
4-Chloro-3-methylphenol	ND		388	1	05/11/2025 20:16	WG2512494
2-Chlorophenol	ND		388	1	05/11/2025 20:16	WG2512494
2,4-Dichlorophenol	ND		388	1	05/11/2025 20:16	WG2512494
2,4-Dimethylphenol	ND	C3	388	1	05/11/2025 20:16	WG2512494
4,6-Dinitro-2-methylphenol	ND		388	1	05/11/2025 20:16	WG2512494
2,4-Dinitrophenol	ND		388	1	05/11/2025 20:16	WG2512494
2-Nitrophenol	ND		388	1	05/11/2025 20:16	WG2512494
4-Nitrophenol	ND		388	1	05/11/2025 20:16	WG2512494
Pentachlorophenol	ND		388	1	05/11/2025 20:16	WG2512494
Phenol	ND		388	1	05/11/2025 20:16	WG2512494
2,4,6-Trichlorophenol	ND		388	1	05/11/2025 20:16	WG2512494
(S) 2-Fluorophenol	66.8		12.0-120		05/11/2025 20:16	WG2512494
(S) Phenol-d5	61.6		10.0-120		05/11/2025 20:16	WG2512494
(S) Nitrobenzene-d5	65.7		10.0-122		05/11/2025 20:16	WG2512494
(S) 2-Fluorobiphenyl	61.5		15.0-120		05/11/2025 20:16	WG2512494
(S) 2,4,6-Tribromophenol	102		10.0-127		05/11/2025 20:16	WG2512494
(S) p-Terphenyl-d14	76.5		10.0-120		05/11/2025 20:16	WG2512494



Calculated Results

	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg		date / time	
Total Nitrogen	1820000		22700	1	05/12/2025 12:59	WG2512503

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch
Analyte	%			date / time	
Total Solids	88.1		1	05/11/2025 12:38	WG2512445

Wet Chemistry by Method 350.1

	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg		date / time	
Ammonia Nitrogen	ND		11400	1	05/12/2025 03:00	WG2512500

Wet Chemistry by Method 4500NOrg D-2021

	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg		date / time	
Kjeldahl Nitrogen, TKN	1810000		114000	5	05/12/2025 12:59	WG2512496

Wet Chemistry by Method 9056A

	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg		date / time	
Nitrate-Nitrite	ND		22700	1	05/11/2025 19:56	WG2512503

Wet Chemistry by Method WALKLEY-BLACK

	Result	Qualifier	RDL	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg		date / time	
TOC By Walkley Black	20600000		500000	5	05/13/2025 18:07	WG2512864

Metals (ICP) by Method 6010D

	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg		date / time	
Aluminum	3170000		22700	1	05/11/2025 16:01	WG2512493
Antimony	ND		2270	1	05/11/2025 16:01	WG2512493
Beryllium	407		227	1	05/11/2025 16:01	WG2512493
Calcium	4200000		114000	1	05/11/2025 16:01	WG2512493
Cobalt	3090		1140	1	05/11/2025 16:01	WG2512493
Iron	6050000		11400	1	05/11/2025 16:01	WG2512493
Magnesium	1840000		114000	1	05/11/2025 16:01	WG2512493
Manganese	284000		1140	1	05/11/2025 16:01	WG2512493
Potassium	1450000		114000	1	05/11/2025 16:01	WG2512493
Sodium	129000		114000	1	05/11/2025 16:01	WG2512493
Thallium	ND		2270	1	05/11/2025 16:01	WG2512493
Vanadium	10200		2270	1	05/11/2025 16:01	WG2512493

Volatile Organic Compounds (GC/MS) by Method 8260D

	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg		date / time	
Acetone	ND	C3	63.5	1	05/11/2025 17:18	WG2512491
Acrylonitrile	ND		15.9	1	05/11/2025 17:18	WG2512491
Bromobenzene	ND		15.9	1	05/11/2025 17:18	WG2512491
Bromodichloromethane	ND		3.18	1	05/11/2025 17:18	WG2512491
Bromoform	ND		31.8	1	05/11/2025 17:18	WG2512491
Bromomethane	ND	C3	15.9	1	05/11/2025 17:18	WG2512491

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

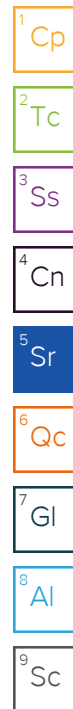
7Gl

8Al

9Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
n-Butylbenzene	ND		15.9	1	05/11/2025 17:18	WG2512491
sec-Butylbenzene	ND		15.9	1	05/11/2025 17:18	WG2512491
tert-Butylbenzene	ND		6.35	1	05/11/2025 17:18	WG2512491
Carbon tetrachloride	ND		6.35	1	05/11/2025 17:18	WG2512491
Chlorobenzene	ND		3.18	1	05/11/2025 17:18	WG2512491
Chlorodibromomethane	ND		3.18	1	05/11/2025 17:18	WG2512491
Chloroethane	ND	C3 J4	6.35	1	05/11/2025 17:18	WG2512491
Chloroform	ND		3.18	1	05/11/2025 17:18	WG2512491
Chloromethane	ND		15.9	1	05/11/2025 17:18	WG2512491
2-Chlorotoluene	ND		3.18	1	05/11/2025 17:18	WG2512491
4-Chlorotoluene	ND		6.35	1	05/11/2025 17:18	WG2512491
1,2-Dibromo-3-Chloropropane	ND		31.8	1	05/11/2025 17:18	WG2512491
1,2-Dibromoethane	ND		3.18	1	05/11/2025 17:18	WG2512491
Dibromomethane	ND		6.35	1	05/11/2025 17:18	WG2512491
1,2-Dichlorobenzene	ND		6.35	1	05/11/2025 17:18	WG2512491
1,3-Dichlorobenzene	ND		6.35	1	05/11/2025 17:18	WG2512491
1,4-Dichlorobenzene	ND		6.35	1	05/11/2025 17:18	WG2512491
Dichlorodifluoromethane	ND		6.35	1	05/11/2025 17:18	WG2512491
1,1-Dichloroethane	ND		3.18	1	05/11/2025 17:18	WG2512491
1,2-Dichloroethane	ND		3.18	1	05/11/2025 17:18	WG2512491
1,1-Dichloroethene	ND		3.18	1	05/11/2025 17:18	WG2512491
cis-1,2-Dichloroethene	ND		3.18	1	05/11/2025 17:18	WG2512491
trans-1,2-Dichloroethene	ND	C3	6.35	1	05/11/2025 17:18	WG2512491
1,2-Dichloropropane	ND		6.35	1	05/11/2025 17:18	WG2512491
1,1-Dichloropropene	ND		3.18	1	05/11/2025 17:18	WG2512491
1,3-Dichloropropane	ND		6.35	1	05/11/2025 17:18	WG2512491
cis-1,3-Dichloropropene	ND		3.18	1	05/11/2025 17:18	WG2512491
trans-1,3-Dichloropropene	ND		6.35	1	05/11/2025 17:18	WG2512491
2,2-Dichloropropane	ND	C3 J4	3.18	1	05/11/2025 17:18	WG2512491
Di-isopropyl ether	ND		1.27	1	05/11/2025 17:18	WG2512491
Hexachloro-1,3-butadiene	ND		31.8	1	05/11/2025 17:18	WG2512491
Isopropylbenzene	ND		3.18	1	05/11/2025 17:18	WG2512491
p-Isopropyltoluene	ND		6.35	1	05/11/2025 17:18	WG2512491
2-Butanone (MEK)	ND		127	1	05/11/2025 17:18	WG2512491
Methylene Chloride	ND	C3	31.8	1	05/11/2025 17:18	WG2512491
4-Methyl-2-pentanone (MIBK)	ND	J4	31.8	1	05/11/2025 17:18	WG2512491
Methyl tert-butyl ether	ND		1.27	1	05/11/2025 17:18	WG2512491
n-Propylbenzene	ND		6.35	1	05/11/2025 17:18	WG2512491
Styrene	ND		15.9	1	05/11/2025 17:18	WG2512491
1,1,1,2-Tetrachloroethane	ND		3.18	1	05/11/2025 17:18	WG2512491
1,1,2,2-Tetrachloroethane	ND		3.18	1	05/11/2025 17:18	WG2512491
1,1,2-Trichlorotrifluoroethane	ND		3.18	1	05/11/2025 17:18	WG2512491
Tetrachloroethene	ND		3.18	1	05/11/2025 17:18	WG2512491
1,2,3-Trichlorobenzene	ND		15.9	1	05/11/2025 17:18	WG2512491
1,2,4-Trichlorobenzene	ND		15.9	1	05/11/2025 17:18	WG2512491
1,1,1-Trichloroethane	ND		3.18	1	05/11/2025 17:18	WG2512491
1,1,2-Trichloroethane	ND		3.18	1	05/11/2025 17:18	WG2512491
Trichloroethene	ND		1.27	1	05/11/2025 17:18	WG2512491
Trichlorofluoromethane	ND		3.18	1	05/11/2025 17:18	WG2512491
1,2,3-Trichloropropane	ND		15.9	1	05/11/2025 17:18	WG2512491
1,2,3-Trimethylbenzene	ND		6.35	1	05/11/2025 17:18	WG2512491
Vinyl chloride	ND		3.18	1	05/11/2025 17:18	WG2512491
(S) Toluene-d8	115		75.0-131		05/11/2025 17:18	WG2512491
(S) 4-Bromofluorobenzene	72.2		67.0-138		05/11/2025 17:18	WG2512491
(S) 1,2-Dichloroethane-d4	89.9		70.0-130		05/11/2025 17:18	WG2512491



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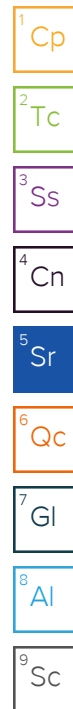
SAMPLE RESULTS - 12

Collected date/time: 05/10/25 08:35

L1857695

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Acenaphthylene	ND		37.8	1	05/11/2025 20:37	WG2512494
Benidine	ND	C7	1900	1	05/11/2025 20:37	WG2512494
Benzo(g,h,i)perylene	ND		37.8	1	05/11/2025 20:37	WG2512494
Bis(2-chlorethoxy)methane	ND		378	1	05/11/2025 20:37	WG2512494
Bis(2-chloroethyl)ether	ND		378	1	05/11/2025 20:37	WG2512494
2,2-Oxybis(1-Chloropropane)	ND		378	1	05/11/2025 20:37	WG2512494
4-Bromophenyl-phenylether	ND		378	1	05/11/2025 20:37	WG2512494
2-Chloronaphthalene	ND		37.8	1	05/11/2025 20:37	WG2512494
4-Chlorophenyl-phenylether	ND		378	1	05/11/2025 20:37	WG2512494
1,2-Dichlorobenzene	ND		378	1	05/11/2025 20:37	WG2512494
1,3-Dichlorobenzene	ND		378	1	05/11/2025 20:37	WG2512494
1,4-Dichlorobenzene	ND		378	1	05/11/2025 20:37	WG2512494
3,3-Dichlorobenzidine	ND		378	1	05/11/2025 20:37	WG2512494
2,4-Dinitrotoluene	ND		378	1	05/11/2025 20:37	WG2512494
2,6-Dinitrotoluene	ND		378	1	05/11/2025 20:37	WG2512494
Hexachlorobenzene	ND		378	1	05/11/2025 20:37	WG2512494
Hexachloro-1,3-butadiene	ND		378	1	05/11/2025 20:37	WG2512494
Hexachlorocyclopentadiene	ND	C3 C7	378	1	05/11/2025 20:37	WG2512494
Hexachloroethane	ND		378	1	05/11/2025 20:37	WG2512494
Isophorone	ND		378	1	05/11/2025 20:37	WG2512494
Nitrobenzene	ND		378	1	05/11/2025 20:37	WG2512494
n-Nitrosodimethylamine	ND		378	1	05/11/2025 20:37	WG2512494
n-Nitrosodiphenylamine	ND		378	1	05/11/2025 20:37	WG2512494
n-Nitrosodi-n-propylamine	ND		378	1	05/11/2025 20:37	WG2512494
Phenanthrene	ND		37.8	1	05/11/2025 20:37	WG2512494
Benzylbutyl phthalate	ND		378	1	05/11/2025 20:37	WG2512494
Bis(2-ethylhexyl)phthalate	ND		378	1	05/11/2025 20:37	WG2512494
Di-n-butyl phthalate	ND		378	1	05/11/2025 20:37	WG2512494
Diethyl phthalate	ND		378	1	05/11/2025 20:37	WG2512494
Dimethyl phthalate	ND		378	1	05/11/2025 20:37	WG2512494
Di-n-octyl phthalate	ND		378	1	05/11/2025 20:37	WG2512494
1,2,4-Trichlorobenzene	ND		378	1	05/11/2025 20:37	WG2512494
4-Chloro-3-methylphenol	ND		378	1	05/11/2025 20:37	WG2512494
2-Chlorophenol	ND		378	1	05/11/2025 20:37	WG2512494
2,4-Dichlorophenol	ND		378	1	05/11/2025 20:37	WG2512494
2,4-Dimethylphenol	ND	C3	378	1	05/11/2025 20:37	WG2512494
4,6-Dinitro-2-methylphenol	ND		378	1	05/11/2025 20:37	WG2512494
2,4-Dinitrophenol	ND		378	1	05/11/2025 20:37	WG2512494
2-Nitrophenol	ND		378	1	05/11/2025 20:37	WG2512494
4-Nitrophenol	ND		378	1	05/11/2025 20:37	WG2512494
Pentachlorophenol	ND		378	1	05/11/2025 20:37	WG2512494
Phenol	ND		378	1	05/11/2025 20:37	WG2512494
2,4,6-Trichlorophenol	ND		378	1	05/11/2025 20:37	WG2512494
(S) 2-Fluorophenol	63.0		12.0-120		05/11/2025 20:37	WG2512494
(S) Phenol-d5	57.3		10.0-120		05/11/2025 20:37	WG2512494
(S) Nitrobenzene-d5	61.6		10.0-122		05/11/2025 20:37	WG2512494
(S) 2-Fluorobiphenyl	61.9		15.0-120		05/11/2025 20:37	WG2512494
(S) 2,4,6-Tribromophenol	99.7		10.0-127		05/11/2025 20:37	WG2512494
(S) p-Terphenyl-d14	69.5		10.0-120		05/11/2025 20:37	WG2512494



Calculated Results

	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg		date / time	
Total Nitrogen	2530000		24500	1	05/12/2025 13:01	WG2512503

1
Cp

2
Tc

3
Ss

4
Cn

5
Sr

6
Qc

7
Gl

8
Al

9
Sc

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch
Analyte	%			date / time	
Total Solids	85.9		1	05/11/2025 12:38	WG2512445

Wet Chemistry by Method 350.1

	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg		date / time	
Ammonia Nitrogen	ND		11600	1	05/12/2025 03:01	WG2512500

Wet Chemistry by Method 4500NOrg D-2021

	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg		date / time	
Kjeldahl Nitrogen, TKN	2510000		116000	5	05/12/2025 13:01	WG2512496

Wet Chemistry by Method 9056A

	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg		date / time	
Nitrate-Nitrite	ND		24500	1.05	05/11/2025 20:12	WG2512503

Wet Chemistry by Method WALKLEY-BLACK

	Result	Qualifier	RDL	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg		date / time	
TOC By Walkley Black	40600000		500000	5	05/13/2025 18:08	WG2512864

Metals (ICP) by Method 6010D

	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg		date / time	
Aluminum	4880000		23300	1	05/11/2025 16:03	WG2512493
Antimony	ND		2330	1	05/11/2025 16:03	WG2512493
Beryllium	546		233	1	05/11/2025 16:03	WG2512493
Calcium	3850000		116000	1	05/11/2025 16:03	WG2512493
Cobalt	4650		1160	1	05/11/2025 16:03	WG2512493
Iron	9510000		11600	1	05/11/2025 16:03	WG2512493
Magnesium	2260000		116000	1	05/11/2025 16:03	WG2512493
Manganese	427000		1160	1	05/11/2025 16:03	WG2512493
Potassium	2650000		116000	1	05/11/2025 16:03	WG2512493
Sodium	ND		116000	1	05/11/2025 16:03	WG2512493
Thallium	ND		2330	1	05/11/2025 16:03	WG2512493
Vanadium	14400		2330	1	05/11/2025 16:03	WG2512493

Volatile Organic Compounds (GC/MS) by Method 8260D

	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg		date / time	
Acetone	ND	C3	66.5	1	05/11/2025 17:38	WG2512491
Acrylonitrile	ND		16.6	1	05/11/2025 17:38	WG2512491
Bromobenzene	ND		16.6	1	05/11/2025 17:38	WG2512491
Bromodichloromethane	ND		3.32	1	05/11/2025 17:38	WG2512491
Bromoform	ND		33.2	1	05/11/2025 17:38	WG2512491
Bromomethane	ND	C3	16.6	1	05/11/2025 17:38	WG2512491

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
n-Butylbenzene	ND		16.6	1	05/11/2025 17:38	WG2512491
sec-Butylbenzene	ND		16.6	1	05/11/2025 17:38	WG2512491
tert-Butylbenzene	ND		6.65	1	05/11/2025 17:38	WG2512491
Carbon tetrachloride	ND		6.65	1	05/11/2025 17:38	WG2512491
Chlorobenzene	ND		3.32	1	05/11/2025 17:38	WG2512491
Chlorodibromomethane	ND		3.32	1	05/11/2025 17:38	WG2512491
Chloroethane	ND	C3 J4	6.65	1	05/11/2025 17:38	WG2512491
Chloroform	ND		3.32	1	05/11/2025 17:38	WG2512491
Chloromethane	ND		16.6	1	05/11/2025 17:38	WG2512491
2-Chlorotoluene	ND		3.32	1	05/11/2025 17:38	WG2512491
4-Chlorotoluene	ND		6.65	1	05/11/2025 17:38	WG2512491
1,2-Dibromo-3-Chloropropane	ND		33.2	1	05/11/2025 17:38	WG2512491
1,2-Dibromoethane	ND		3.32	1	05/11/2025 17:38	WG2512491
Dibromomethane	ND		6.65	1	05/11/2025 17:38	WG2512491
1,2-Dichlorobenzene	ND		6.65	1	05/11/2025 17:38	WG2512491
1,3-Dichlorobenzene	ND		6.65	1	05/11/2025 17:38	WG2512491
1,4-Dichlorobenzene	ND		6.65	1	05/11/2025 17:38	WG2512491
Dichlorodifluoromethane	ND		6.65	1	05/11/2025 17:38	WG2512491
1,1-Dichloroethane	ND		3.32	1	05/11/2025 17:38	WG2512491
1,2-Dichloroethane	ND		3.32	1	05/11/2025 17:38	WG2512491
1,1-Dichloroethene	ND		3.32	1	05/11/2025 17:38	WG2512491
cis-1,2-Dichloroethene	ND		3.32	1	05/11/2025 17:38	WG2512491
trans-1,2-Dichloroethene	ND	C3	6.65	1	05/11/2025 17:38	WG2512491
1,2-Dichloropropane	ND		6.65	1	05/11/2025 17:38	WG2512491
1,1-Dichloropropene	ND		3.32	1	05/11/2025 17:38	WG2512491
1,3-Dichloropropane	ND		6.65	1	05/11/2025 17:38	WG2512491
cis-1,3-Dichloropropene	ND		3.32	1	05/11/2025 17:38	WG2512491
trans-1,3-Dichloropropene	ND		6.65	1	05/11/2025 17:38	WG2512491
2,2-Dichloropropane	ND	C3 J4	3.32	1	05/11/2025 17:38	WG2512491
Di-isopropyl ether	ND		1.33	1	05/11/2025 17:38	WG2512491
Hexachloro-1,3-butadiene	ND		33.2	1	05/11/2025 17:38	WG2512491
Isopropylbenzene	ND		3.32	1	05/11/2025 17:38	WG2512491
p-Isopropyltoluene	ND		6.65	1	05/11/2025 17:38	WG2512491
2-Butanone (MEK)	ND		133	1	05/11/2025 17:38	WG2512491
Methylene Chloride	ND	C3	33.2	1	05/11/2025 17:38	WG2512491
4-Methyl-2-pentanone (MIBK)	ND	J4	33.2	1	05/11/2025 17:38	WG2512491
Methyl tert-butyl ether	ND		1.33	1	05/11/2025 17:38	WG2512491
n-Propylbenzene	ND		6.65	1	05/11/2025 17:38	WG2512491
Styrene	ND		16.6	1	05/11/2025 17:38	WG2512491
1,1,1,2-Tetrachloroethane	ND		3.32	1	05/11/2025 17:38	WG2512491
1,1,2,2-Tetrachloroethane	ND		3.32	1	05/11/2025 17:38	WG2512491
1,1,2-Trichlorotrifluoroethane	ND		3.32	1	05/11/2025 17:38	WG2512491
Tetrachloroethene	ND		3.32	1	05/11/2025 17:38	WG2512491
1,2,3-Trichlorobenzene	ND		16.6	1	05/11/2025 17:38	WG2512491
1,2,4-Trichlorobenzene	ND		16.6	1	05/11/2025 17:38	WG2512491
1,1,1-Trichloroethane	ND		3.32	1	05/11/2025 17:38	WG2512491
1,1,2-Trichloroethane	ND		3.32	1	05/11/2025 17:38	WG2512491
Trichloroethene	ND		1.33	1	05/11/2025 17:38	WG2512491
Trichlorofluoromethane	ND		3.32	1	05/11/2025 17:38	WG2512491
1,2,3-Trichloropropane	ND		16.6	1	05/11/2025 17:38	WG2512491
1,2,3-Trimethylbenzene	ND		6.65	1	05/11/2025 17:38	WG2512491
Vinyl chloride	ND		3.32	1	05/11/2025 17:38	WG2512491
(S) Toluene-d8	103		75.0-131		05/11/2025 17:38	WG2512491
(S) 4-Bromofluorobenzene	91.5		67.0-138		05/11/2025 17:38	WG2512491
(S) 1,2-Dichloroethane-d4	94.8		70.0-130		05/11/2025 17:38	WG2512491

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Acenaphthylene	ND		38.8	1	05/11/2025 20:57	WG2512494
Benidine	ND	C7	1940	1	05/11/2025 20:57	WG2512494
Benzo(g,h,i)perylene	ND		38.8	1	05/11/2025 20:57	WG2512494
Bis(2-chlorethoxy)methane	ND		388	1	05/11/2025 20:57	WG2512494
Bis(2-chloroethyl)ether	ND		388	1	05/11/2025 20:57	WG2512494
2,2-Oxybis(1-Chloropropane)	ND		388	1	05/11/2025 20:57	WG2512494
4-Bromophenyl-phenylether	ND		388	1	05/11/2025 20:57	WG2512494
2-Chloronaphthalene	ND		38.8	1	05/11/2025 20:57	WG2512494
4-Chlorophenyl-phenylether	ND		388	1	05/11/2025 20:57	WG2512494
1,2-Dichlorobenzene	ND		388	1	05/11/2025 20:57	WG2512494
1,3-Dichlorobenzene	ND		388	1	05/11/2025 20:57	WG2512494
1,4-Dichlorobenzene	ND		388	1	05/11/2025 20:57	WG2512494
3,3-Dichlorobenzidine	ND		388	1	05/11/2025 20:57	WG2512494
2,4-Dinitrotoluene	ND		388	1	05/11/2025 20:57	WG2512494
2,6-Dinitrotoluene	ND		388	1	05/11/2025 20:57	WG2512494
Hexachlorobenzene	ND		388	1	05/11/2025 20:57	WG2512494
Hexachloro-1,3-butadiene	ND		388	1	05/11/2025 20:57	WG2512494
Hexachlorocyclopentadiene	ND	C3 C7	388	1	05/11/2025 20:57	WG2512494
Hexachloroethane	ND		388	1	05/11/2025 20:57	WG2512494
Isophorone	ND		388	1	05/11/2025 20:57	WG2512494
Nitrobenzene	ND		388	1	05/11/2025 20:57	WG2512494
n-Nitrosodimethylamine	ND		388	1	05/11/2025 20:57	WG2512494
n-Nitrosodiphenylamine	ND		388	1	05/11/2025 20:57	WG2512494
n-Nitrosodi-n-propylamine	ND		388	1	05/11/2025 20:57	WG2512494
Phenanthrene	ND		38.8	1	05/11/2025 20:57	WG2512494
Benzylbutyl phthalate	ND		388	1	05/11/2025 20:57	WG2512494
Bis(2-ethylhexyl)phthalate	ND		388	1	05/11/2025 20:57	WG2512494
Di-n-butyl phthalate	ND		388	1	05/11/2025 20:57	WG2512494
Diethyl phthalate	ND		388	1	05/11/2025 20:57	WG2512494
Dimethyl phthalate	ND		388	1	05/11/2025 20:57	WG2512494
Di-n-octyl phthalate	ND		388	1	05/11/2025 20:57	WG2512494
1,2,4-Trichlorobenzene	ND		388	1	05/11/2025 20:57	WG2512494
4-Chloro-3-methylphenol	ND		388	1	05/11/2025 20:57	WG2512494
2-Chlorophenol	ND		388	1	05/11/2025 20:57	WG2512494
2,4-Dichlorophenol	ND		388	1	05/11/2025 20:57	WG2512494
2,4-Dimethylphenol	ND	C3	388	1	05/11/2025 20:57	WG2512494
4,6-Dinitro-2-methylphenol	ND		388	1	05/11/2025 20:57	WG2512494
2,4-Dinitrophenol	ND		388	1	05/11/2025 20:57	WG2512494
2-Nitrophenol	ND		388	1	05/11/2025 20:57	WG2512494
4-Nitrophenol	ND		388	1	05/11/2025 20:57	WG2512494
Pentachlorophenol	ND		388	1	05/11/2025 20:57	WG2512494
Phenol	ND		388	1	05/11/2025 20:57	WG2512494
2,4,6-Trichlorophenol	ND		388	1	05/11/2025 20:57	WG2512494
(S) 2-Fluorophenol	65.2		12.0-120		05/11/2025 20:57	WG2512494
(S) Phenol-d5	59.0		10.0-120		05/11/2025 20:57	WG2512494
(S) Nitrobenzene-d5	59.9		10.0-122		05/11/2025 20:57	WG2512494
(S) 2-Fluorobiphenyl	63.3		15.0-120		05/11/2025 20:57	WG2512494
(S) 2,4,6-Tribromophenol	95.2		10.0-127		05/11/2025 20:57	WG2512494
(S) p-Terphenyl-d14	70.2		10.0-120		05/11/2025 20:57	WG2512494

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		50.0	1	05/11/2025 15:44	WG2512487
Acrolein	ND	J4	50.0	1	05/11/2025 15:44	WG2512487
Acrylonitrile	ND		10.0	1	05/11/2025 15:44	WG2512487
Benzene	ND		1.00	1	05/11/2025 15:44	WG2512487
Bromobenzene	ND		1.00	1	05/11/2025 15:44	WG2512487
Bromodichloromethane	ND		1.00	1	05/11/2025 15:44	WG2512487
Bromoform	ND	C3	1.00	1	05/11/2025 15:44	WG2512487
Bromomethane	ND	C3	5.00	1	05/11/2025 15:44	WG2512487
n-Butylbenzene	ND		1.00	1	05/11/2025 15:44	WG2512487
sec-Butylbenzene	ND		1.00	1	05/11/2025 15:44	WG2512487
tert-Butylbenzene	ND		1.00	1	05/11/2025 15:44	WG2512487
Carbon tetrachloride	ND		1.00	1	05/11/2025 15:44	WG2512487
Chlorobenzene	ND		1.00	1	05/11/2025 15:44	WG2512487
Chlorodibromomethane	ND		1.00	1	05/11/2025 15:44	WG2512487
Chloroethane	ND		5.00	1	05/11/2025 15:44	WG2512487
Chloroform	ND		5.00	1	05/11/2025 15:44	WG2512487
Chloromethane	ND		2.50	1	05/11/2025 15:44	WG2512487
2-Chlorotoluene	ND		1.00	1	05/11/2025 15:44	WG2512487
4-Chlorotoluene	ND		1.00	1	05/11/2025 15:44	WG2512487
1,2-Dibromo-3-Chloropropane	ND	C3	5.00	1	05/11/2025 15:44	WG2512487
1,2-Dibromoethane	ND		1.00	1	05/11/2025 15:44	WG2512487
Dibromomethane	ND		1.00	1	05/11/2025 15:44	WG2512487
1,2-Dichlorobenzene	ND		1.00	1	05/11/2025 15:44	WG2512487
1,3-Dichlorobenzene	ND		1.00	1	05/11/2025 15:44	WG2512487
1,4-Dichlorobenzene	ND		1.00	1	05/11/2025 15:44	WG2512487
Dichlorodifluoromethane	ND		5.00	1	05/11/2025 15:44	WG2512487
1,1-Dichloroethane	ND		1.00	1	05/11/2025 15:44	WG2512487
1,2-Dichloroethane	ND		1.00	1	05/11/2025 15:44	WG2512487
1,1-Dichloroethene	ND		1.00	1	05/11/2025 15:44	WG2512487
cis-1,2-Dichloroethene	ND		1.00	1	05/11/2025 15:44	WG2512487
trans-1,2-Dichloroethene	ND		1.00	1	05/11/2025 15:44	WG2512487
1,2-Dichloropropane	ND		1.00	1	05/11/2025 15:44	WG2512487
1,1-Dichloropropene	ND		1.00	1	05/11/2025 15:44	WG2512487
1,3-Dichloropropane	ND		1.00	1	05/11/2025 15:44	WG2512487
cis-1,3-Dichloropropene	ND		1.00	1	05/11/2025 15:44	WG2512487
trans-1,3-Dichloropropene	ND		1.00	1	05/11/2025 15:44	WG2512487
2,2-Dichloropropane	ND		1.00	1	05/11/2025 15:44	WG2512487
Di-isopropyl ether	ND		1.00	1	05/11/2025 15:44	WG2512487
Ethylbenzene	ND		1.00	1	05/11/2025 15:44	WG2512487
Hexachloro-1,3-butadiene	ND		1.00	1	05/11/2025 15:44	WG2512487
Isopropylbenzene	ND		1.00	1	05/11/2025 15:44	WG2512487
p-Isopropyltoluene	ND		1.00	1	05/11/2025 15:44	WG2512487
2-Butanone (MEK)	ND		10.0	1	05/11/2025 15:44	WG2512487
Methylene Chloride	ND		5.00	1	05/11/2025 15:44	WG2512487
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	05/11/2025 15:44	WG2512487
Methyl tert-butyl ether	ND		1.00	1	05/11/2025 15:44	WG2512487
Naphthalene	ND	C3	5.00	1	05/11/2025 15:44	WG2512487
n-Propylbenzene	ND		1.00	1	05/11/2025 15:44	WG2512487
Styrene	ND	C3 J4	1.00	1	05/11/2025 15:44	WG2512487
1,1,1,2-Tetrachloroethane	ND		1.00	1	05/11/2025 15:44	WG2512487
1,1,2,2-Tetrachloroethane	ND		1.00	1	05/11/2025 15:44	WG2512487
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	05/11/2025 15:44	WG2512487
Tetrachloroethene	ND		1.00	1	05/11/2025 15:44	WG2512487
Toluene	ND		1.00	1	05/11/2025 15:44	WG2512487
1,2,3-Trichlorobenzene	ND		1.00	1	05/11/2025 15:44	WG2512487
1,2,4-Trichlorobenzene	ND		1.00	1	05/11/2025 15:44	WG2512487

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,1-Trichloroethane	ND		1.00	1	05/11/2025 15:44	WG2512487
1,1,2-Trichloroethane	ND		1.00	1	05/11/2025 15:44	WG2512487
Trichloroethene	ND		1.00	1	05/11/2025 15:44	WG2512487
Trichlorofluoromethane	ND		5.00	1	05/11/2025 15:44	WG2512487
1,2,3-Trichloropropane	ND		2.50	1	05/11/2025 15:44	WG2512487
1,2,4-Trimethylbenzene	ND		1.00	1	05/11/2025 15:44	WG2512487
1,2,3-Trimethylbenzene	ND		1.00	1	05/11/2025 15:44	WG2512487
1,3,5-Trimethylbenzene	ND		1.00	1	05/11/2025 15:44	WG2512487
Vinyl chloride	ND		1.00	1	05/11/2025 15:44	WG2512487
Xylenes, Total	ND		3.00	1	05/11/2025 15:44	WG2512487
(S) Toluene-d8	99.2		80.0-120		05/11/2025 15:44	WG2512487
(S) 4-Bromofluorobenzene	99.4		77.0-126		05/11/2025 15:44	WG2512487
(S) 1,2-Dichloroethane-d4	106		70.0-130		05/11/2025 15:44	WG2512487

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Calculated Results

	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg		date / time	
Total Nitrogen	1920000		23100	1	05/12/2025 13:02	WG2512503

1
Cp

2
Tc

3
Ss

4
Cn

5
Sr

6
Qc

7
Gl

8
Al

9
Sc

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch
Analyte	%			date / time	
Total Solids	86.5		1	05/11/2025 12:49	WG2512446

Wet Chemistry by Method 350.1

	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg		date / time	
Ammonia Nitrogen	ND		11600	1	05/12/2025 03:03	WG2512500

Wet Chemistry by Method 4500NOrg D-2021

	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg		date / time	
Kjeldahl Nitrogen, TKN	1910000		116000	5	05/12/2025 13:02	WG2512496

Wet Chemistry by Method 9056A

	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg		date / time	
Nitrate-Nitrite	ND		23100	1	05/11/2025 21:01	WG2512503

Wet Chemistry by Method WALKLEY-BLACK

	Result	Qualifier	RDL	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg		date / time	
TOC By Walkley Black	33300000		400000	4	05/13/2025 18:08	WG2512864

Metals (ICP) by Method 6010D

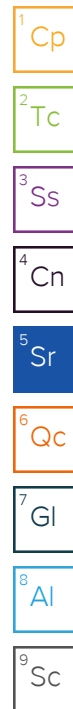
	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg		date / time	
Aluminum	3200000		23100	1	05/11/2025 16:04	WG2512493
Antimony	ND		2310	1	05/11/2025 16:04	WG2512493
Beryllium	390		231	1	05/11/2025 16:04	WG2512493
Calcium	7350000		116000	1	05/11/2025 16:04	WG2512493
Cobalt	3220		1160	1	05/11/2025 16:04	WG2512493
Iron	5890000		11600	1	05/11/2025 16:04	WG2512493
Magnesium	2000000		116000	1	05/11/2025 16:04	WG2512493
Manganese	259000		1160	1	05/11/2025 16:04	WG2512493
Potassium	1430000		116000	1	05/11/2025 16:04	WG2512493
Sodium	148000		116000	1	05/11/2025 16:04	WG2512493
Thallium	ND		2310	1	05/11/2025 16:04	WG2512493
Vanadium	10600		2310	1	05/11/2025 16:04	WG2512493

Volatile Organic Compounds (GC/MS) by Method 8260D

	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg		date / time	
Acetone	ND	C3	65.6	1	05/11/2025 17:57	WG2512491
Acrylonitrile	ND		16.4	1	05/11/2025 17:57	WG2512491
Bromobenzene	ND		16.4	1	05/11/2025 17:57	WG2512491
Bromodichloromethane	ND		3.28	1	05/11/2025 17:57	WG2512491
Bromoform	ND		32.8	1	05/11/2025 17:57	WG2512491
Bromomethane	ND	C3	16.4	1	05/11/2025 17:57	WG2512491

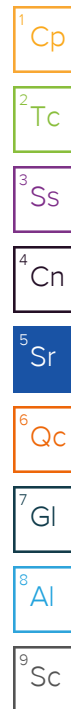
Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
n-Butylbenzene	ND		16.4	1	05/11/2025 17:57	WG2512491
sec-Butylbenzene	ND		16.4	1	05/11/2025 17:57	WG2512491
tert-Butylbenzene	ND		6.56	1	05/11/2025 17:57	WG2512491
Carbon tetrachloride	ND		6.56	1	05/11/2025 17:57	WG2512491
Chlorobenzene	ND		3.28	1	05/11/2025 17:57	WG2512491
Chlorodibromomethane	ND		3.28	1	05/11/2025 17:57	WG2512491
Chloroethane	ND	C3 J4	6.56	1	05/11/2025 17:57	WG2512491
Chloroform	ND		3.28	1	05/11/2025 17:57	WG2512491
Chloromethane	ND		16.4	1	05/11/2025 17:57	WG2512491
2-Chlorotoluene	ND		3.28	1	05/11/2025 17:57	WG2512491
4-Chlorotoluene	ND		6.56	1	05/11/2025 17:57	WG2512491
1,2-Dibromo-3-Chloropropane	ND		32.8	1	05/11/2025 17:57	WG2512491
1,2-Dibromoethane	ND		3.28	1	05/11/2025 17:57	WG2512491
Dibromomethane	ND		6.56	1	05/11/2025 17:57	WG2512491
1,2-Dichlorobenzene	ND		6.56	1	05/11/2025 17:57	WG2512491
1,3-Dichlorobenzene	ND		6.56	1	05/11/2025 17:57	WG2512491
1,4-Dichlorobenzene	ND		6.56	1	05/11/2025 17:57	WG2512491
Dichlorodifluoromethane	ND		6.56	1	05/11/2025 17:57	WG2512491
1,1-Dichloroethane	ND		3.28	1	05/11/2025 17:57	WG2512491
1,2-Dichloroethane	ND		3.28	1	05/11/2025 17:57	WG2512491
1,1-Dichloroethene	ND		3.28	1	05/11/2025 17:57	WG2512491
cis-1,2-Dichloroethene	ND		3.28	1	05/11/2025 17:57	WG2512491
trans-1,2-Dichloroethene	ND	C3	6.56	1	05/11/2025 17:57	WG2512491
1,2-Dichloropropane	ND		6.56	1	05/11/2025 17:57	WG2512491
1,1-Dichloropropene	ND		3.28	1	05/11/2025 17:57	WG2512491
1,3-Dichloropropane	ND		6.56	1	05/11/2025 17:57	WG2512491
cis-1,3-Dichloropropene	ND		3.28	1	05/11/2025 17:57	WG2512491
trans-1,3-Dichloropropene	ND		6.56	1	05/11/2025 17:57	WG2512491
2,2-Dichloropropane	ND	C3 J4	3.28	1	05/11/2025 17:57	WG2512491
Di-isopropyl ether	ND		1.31	1	05/11/2025 17:57	WG2512491
Hexachloro-1,3-butadiene	ND		32.8	1	05/11/2025 17:57	WG2512491
Isopropylbenzene	ND		3.28	1	05/11/2025 17:57	WG2512491
p-Isopropyltoluene	ND		6.56	1	05/11/2025 17:57	WG2512491
2-Butanone (MEK)	ND		131	1	05/11/2025 17:57	WG2512491
Methylene Chloride	ND	C3	32.8	1	05/11/2025 17:57	WG2512491
4-Methyl-2-pentanone (MIBK)	ND	J4	32.8	1	05/11/2025 17:57	WG2512491
Methyl tert-butyl ether	ND		1.31	1	05/11/2025 17:57	WG2512491
n-Propylbenzene	ND		6.56	1	05/11/2025 17:57	WG2512491
Styrene	ND		16.4	1	05/11/2025 17:57	WG2512491
1,1,1,2-Tetrachloroethane	ND		3.28	1	05/11/2025 17:57	WG2512491
1,1,2,2-Tetrachloroethane	ND		3.28	1	05/11/2025 17:57	WG2512491
1,1,2-Trichlorotrifluoroethane	ND		3.28	1	05/11/2025 17:57	WG2512491
Tetrachloroethene	ND		3.28	1	05/11/2025 17:57	WG2512491
1,2,3-Trichlorobenzene	ND		16.4	1	05/11/2025 17:57	WG2512491
1,2,4-Trichlorobenzene	ND		16.4	1	05/11/2025 17:57	WG2512491
1,1,1-Trichloroethane	ND		3.28	1	05/11/2025 17:57	WG2512491
1,1,2-Trichloroethane	ND		3.28	1	05/11/2025 17:57	WG2512491
Trichloroethene	ND		1.31	1	05/11/2025 17:57	WG2512491
Trichlorofluoromethane	ND		3.28	1	05/11/2025 17:57	WG2512491
1,2,3-Trichloropropane	ND		16.4	1	05/11/2025 17:57	WG2512491
1,2,3-Trimethylbenzene	ND		6.56	1	05/11/2025 17:57	WG2512491
Vinyl chloride	ND		3.28	1	05/11/2025 17:57	WG2512491
(S) Toluene-d8	124		75.0-131		05/11/2025 17:57	WG2512491
(S) 4-Bromofluorobenzene	84.4		67.0-138		05/11/2025 17:57	WG2512491
(S) 1,2-Dichloroethane-d4	90.9		70.0-130		05/11/2025 17:57	WG2512491



Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Acenaphthylene	ND		38.5	1	05/11/2025 21:17	WG2512494
Benidine	ND	C7	1930	1	05/11/2025 21:17	WG2512494
Benzo(g,h,i)perylene	ND		38.5	1	05/11/2025 21:17	WG2512494
Bis(2-chlorethoxy)methane	ND		385	1	05/11/2025 21:17	WG2512494
Bis(2-chloroethyl)ether	ND		385	1	05/11/2025 21:17	WG2512494
2,2-Oxybis(1-Chloropropane)	ND		385	1	05/11/2025 21:17	WG2512494
4-Bromophenyl-phenylether	ND		385	1	05/11/2025 21:17	WG2512494
2-Chloronaphthalene	ND		38.5	1	05/11/2025 21:17	WG2512494
4-Chlorophenyl-phenylether	ND		385	1	05/11/2025 21:17	WG2512494
1,2-Dichlorobenzene	ND		385	1	05/11/2025 21:17	WG2512494
1,3-Dichlorobenzene	ND		385	1	05/11/2025 21:17	WG2512494
1,4-Dichlorobenzene	ND		385	1	05/11/2025 21:17	WG2512494
3,3-Dichlorobenzidine	ND		385	1	05/11/2025 21:17	WG2512494
2,4-Dinitrotoluene	ND		385	1	05/11/2025 21:17	WG2512494
2,6-Dinitrotoluene	ND		385	1	05/11/2025 21:17	WG2512494
Hexachlorobenzene	ND		385	1	05/11/2025 21:17	WG2512494
Hexachloro-1,3-butadiene	ND		385	1	05/11/2025 21:17	WG2512494
Hexachlorocyclopentadiene	ND	C3 C7	385	1	05/11/2025 21:17	WG2512494
Hexachloroethane	ND		385	1	05/11/2025 21:17	WG2512494
Isophorone	ND		385	1	05/11/2025 21:17	WG2512494
Nitrobenzene	ND		385	1	05/11/2025 21:17	WG2512494
n-Nitrosodimethylamine	ND		385	1	05/11/2025 21:17	WG2512494
n-Nitrosodiphenylamine	ND		385	1	05/11/2025 21:17	WG2512494
n-Nitrosodi-n-propylamine	ND		385	1	05/11/2025 21:17	WG2512494
Phenanthrene	ND		38.5	1	05/11/2025 21:17	WG2512494
Benzylbutyl phthalate	ND		385	1	05/11/2025 21:17	WG2512494
Bis(2-ethylhexyl)phthalate	ND		385	1	05/11/2025 21:17	WG2512494
Di-n-butyl phthalate	ND		385	1	05/11/2025 21:17	WG2512494
Diethyl phthalate	ND		385	1	05/11/2025 21:17	WG2512494
Dimethyl phthalate	ND		385	1	05/11/2025 21:17	WG2512494
Di-n-octyl phthalate	ND		385	1	05/11/2025 21:17	WG2512494
1,2,4-Trichlorobenzene	ND		385	1	05/11/2025 21:17	WG2512494
4-Chloro-3-methylphenol	ND		385	1	05/11/2025 21:17	WG2512494
2-Chlorophenol	ND		385	1	05/11/2025 21:17	WG2512494
2,4-Dichlorophenol	ND		385	1	05/11/2025 21:17	WG2512494
2,4-Dimethylphenol	ND	C3	385	1	05/11/2025 21:17	WG2512494
4,6-Dinitro-2-methylphenol	ND		385	1	05/11/2025 21:17	WG2512494
2,4-Dinitrophenol	ND		385	1	05/11/2025 21:17	WG2512494
2-Nitrophenol	ND		385	1	05/11/2025 21:17	WG2512494
4-Nitrophenol	ND		385	1	05/11/2025 21:17	WG2512494
Pentachlorophenol	ND		385	1	05/11/2025 21:17	WG2512494
Phenol	ND		385	1	05/11/2025 21:17	WG2512494
2,4,6-Trichlorophenol	ND		385	1	05/11/2025 21:17	WG2512494
(S) 2-Fluorophenol	67.3		12.0-120		05/11/2025 21:17	WG2512494
(S) Phenol-d5	59.3		10.0-120		05/11/2025 21:17	WG2512494
(S) Nitrobenzene-d5	68.4		10.0-122		05/11/2025 21:17	WG2512494
(S) 2-Fluorobiphenyl	67.2		15.0-120		05/11/2025 21:17	WG2512494
(S) 2,4,6-Tribromophenol	103		10.0-127		05/11/2025 21:17	WG2512494
(S) p-Terphenyl-d14	72.9		10.0-120		05/11/2025 21:17	WG2512494



Calculated Results

	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg		date / time	
Total Nitrogen	1910000		22700	1	05/12/2025 13:04	WG2512503

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch
Analyte	%			date / time	
Total Solids	89.1		1	05/11/2025 12:49	WG2512446

Wet Chemistry by Method 350.1

	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg		date / time	
Ammonia Nitrogen	ND		11200	1	05/12/2025 03:04	WG2512500

Wet Chemistry by Method 4500NOrg D-2021

	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg		date / time	
Kjeldahl Nitrogen, TKN	1900000		112000	5	05/12/2025 13:04	WG2512496

Wet Chemistry by Method 9056A

	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg		date / time	
Nitrate-Nitrite	ND		22700	1.01	05/11/2025 21:18	WG2512503

Wet Chemistry by Method WALKLEY-BLACK

	Result	Qualifier	RDL	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg		date / time	
TOC By Walkley Black	22700000		500000	5	05/13/2025 18:08	WG2512864

Metals (ICP) by Method 6010D

	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg		date / time	
Aluminum	3320000		22400	1	05/11/2025 16:06	WG2512493
Antimony	ND		2240	1	05/11/2025 16:06	WG2512493
Beryllium	408		224	1	05/11/2025 16:06	WG2512493
Calcium	8540000		112000	1	05/11/2025 16:06	WG2512493
Cobalt	3170		1120	1	05/11/2025 16:06	WG2512493
Iron	9460000		11200	1	05/11/2025 16:06	WG2512493
Magnesium	2210000		112000	1	05/11/2025 16:06	WG2512493
Manganese	295000		1120	1	05/11/2025 16:06	WG2512493
Potassium	1320000		112000	1	05/11/2025 16:06	WG2512493
Sodium	122000		112000	1	05/11/2025 16:06	WG2512493
Thallium	ND		2240	1	05/11/2025 16:06	WG2512493
Vanadium	17200		2240	1	05/11/2025 16:06	WG2512493

Volatile Organic Compounds (GC/MS) by Method 8260D

	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg		date / time	
Acetone	ND	C3	62.2	1	05/11/2025 18:17	WG2512491
Acrylonitrile	ND		15.5	1	05/11/2025 18:17	WG2512491
Bromobenzene	ND		15.5	1	05/11/2025 18:17	WG2512491
Bromodichloromethane	ND		3.11	1	05/11/2025 18:17	WG2512491
Bromoform	ND		31.1	1	05/11/2025 18:17	WG2512491
Bromomethane	ND	C3	15.5	1	05/11/2025 18:17	WG2512491

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

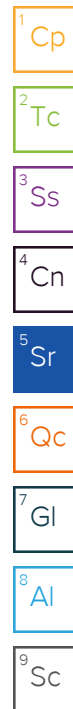
7Gl

8Al

9Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
n-Butylbenzene	ND		15.5	1	05/11/2025 18:17	WG2512491
sec-Butylbenzene	ND		15.5	1	05/11/2025 18:17	WG2512491
tert-Butylbenzene	ND		6.22	1	05/11/2025 18:17	WG2512491
Carbon tetrachloride	ND		6.22	1	05/11/2025 18:17	WG2512491
Chlorobenzene	ND		3.11	1	05/11/2025 18:17	WG2512491
Chlorodibromomethane	ND		3.11	1	05/11/2025 18:17	WG2512491
Chloroethane	ND	C3 J4	6.22	1	05/11/2025 18:17	WG2512491
Chloroform	ND		3.11	1	05/11/2025 18:17	WG2512491
Chloromethane	ND		15.5	1	05/11/2025 18:17	WG2512491
2-Chlorotoluene	ND		3.11	1	05/11/2025 18:17	WG2512491
4-Chlorotoluene	ND		6.22	1	05/11/2025 18:17	WG2512491
1,2-Dibromo-3-Chloropropane	ND		31.1	1	05/11/2025 18:17	WG2512491
1,2-Dibromoethane	ND		3.11	1	05/11/2025 18:17	WG2512491
Dibromomethane	ND		6.22	1	05/11/2025 18:17	WG2512491
1,2-Dichlorobenzene	ND		6.22	1	05/11/2025 18:17	WG2512491
1,3-Dichlorobenzene	ND		6.22	1	05/11/2025 18:17	WG2512491
1,4-Dichlorobenzene	ND		6.22	1	05/11/2025 18:17	WG2512491
Dichlorodifluoromethane	ND		6.22	1	05/11/2025 18:17	WG2512491
1,1-Dichloroethane	ND		3.11	1	05/11/2025 18:17	WG2512491
1,2-Dichloroethane	ND		3.11	1	05/11/2025 18:17	WG2512491
1,1-Dichloroethene	ND		3.11	1	05/11/2025 18:17	WG2512491
cis-1,2-Dichloroethene	ND		3.11	1	05/11/2025 18:17	WG2512491
trans-1,2-Dichloroethene	ND	C3	6.22	1	05/11/2025 18:17	WG2512491
1,2-Dichloropropane	ND		6.22	1	05/11/2025 18:17	WG2512491
1,1-Dichloropropene	ND		3.11	1	05/11/2025 18:17	WG2512491
1,3-Dichloropropane	ND		6.22	1	05/11/2025 18:17	WG2512491
cis-1,3-Dichloropropene	ND		3.11	1	05/11/2025 18:17	WG2512491
trans-1,3-Dichloropropene	ND		6.22	1	05/11/2025 18:17	WG2512491
2,2-Dichloropropane	ND	C3 J4	3.11	1	05/11/2025 18:17	WG2512491
Di-isopropyl ether	ND		1.24	1	05/11/2025 18:17	WG2512491
Hexachloro-1,3-butadiene	ND		31.1	1	05/11/2025 18:17	WG2512491
Isopropylbenzene	ND		3.11	1	05/11/2025 18:17	WG2512491
p-Isopropyltoluene	ND		6.22	1	05/11/2025 18:17	WG2512491
2-Butanone (MEK)	ND		124	1	05/11/2025 18:17	WG2512491
Methylene Chloride	ND	C3	31.1	1	05/11/2025 18:17	WG2512491
4-Methyl-2-pentanone (MIBK)	ND	J4	31.1	1	05/11/2025 18:17	WG2512491
Methyl tert-butyl ether	ND		1.24	1	05/11/2025 18:17	WG2512491
n-Propylbenzene	ND		6.22	1	05/11/2025 18:17	WG2512491
Styrene	ND		15.5	1	05/11/2025 18:17	WG2512491
1,1,1,2-Tetrachloroethane	ND		3.11	1	05/11/2025 18:17	WG2512491
1,1,2,2-Tetrachloroethane	ND		3.11	1	05/11/2025 18:17	WG2512491
1,1,2-Trichlorotrifluoroethane	ND		3.11	1	05/11/2025 18:17	WG2512491
Tetrachloroethene	ND		3.11	1	05/11/2025 18:17	WG2512491
1,2,3-Trichlorobenzene	ND		15.5	1	05/11/2025 18:17	WG2512491
1,2,4-Trichlorobenzene	ND		15.5	1	05/11/2025 18:17	WG2512491
1,1,1-Trichloroethane	ND		3.11	1	05/11/2025 18:17	WG2512491
1,1,2-Trichloroethane	ND		3.11	1	05/11/2025 18:17	WG2512491
Trichloroethene	ND		1.24	1	05/11/2025 18:17	WG2512491
Trichlorofluoromethane	ND		3.11	1	05/11/2025 18:17	WG2512491
1,2,3-Trichloropropane	ND		15.5	1	05/11/2025 18:17	WG2512491
1,2,3-Trimethylbenzene	ND		6.22	1	05/11/2025 18:17	WG2512491
Vinyl chloride	ND		3.11	1	05/11/2025 18:17	WG2512491
(S) Toluene-d8	118		75.0-131		05/11/2025 18:17	WG2512491
(S) 4-Bromofluorobenzene	73.7		67.0-138		05/11/2025 18:17	WG2512491
(S) 1,2-Dichloroethane-d4	87.5		70.0-130		05/11/2025 18:17	WG2512491



Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Acenaphthylene	ND		37.4	1	05/11/2025 21:38	WG2512494
Benidine	ND	C7	1870	1	05/11/2025 21:38	WG2512494
Benzo(g,h,i)perylene	ND		37.4	1	05/11/2025 21:38	WG2512494
Bis(2-chlorethoxy)methane	ND		374	1	05/11/2025 21:38	WG2512494
Bis(2-chloroethyl)ether	ND		374	1	05/11/2025 21:38	WG2512494
2,2-Oxybis(1-Chloropropane)	ND		374	1	05/11/2025 21:38	WG2512494
4-Bromophenyl-phenylether	ND		374	1	05/11/2025 21:38	WG2512494
2-Chloronaphthalene	ND		37.4	1	05/11/2025 21:38	WG2512494
4-Chlorophenyl-phenylether	ND		374	1	05/11/2025 21:38	WG2512494
1,2-Dichlorobenzene	ND		374	1	05/11/2025 21:38	WG2512494
1,3-Dichlorobenzene	ND		374	1	05/11/2025 21:38	WG2512494
1,4-Dichlorobenzene	ND		374	1	05/11/2025 21:38	WG2512494
3,3-Dichlorobenzidine	ND		374	1	05/11/2025 21:38	WG2512494
2,4-Dinitrotoluene	ND		374	1	05/11/2025 21:38	WG2512494
2,6-Dinitrotoluene	ND		374	1	05/11/2025 21:38	WG2512494
Hexachlorobenzene	ND		374	1	05/11/2025 21:38	WG2512494
Hexachloro-1,3-butadiene	ND		374	1	05/11/2025 21:38	WG2512494
Hexachlorocyclopentadiene	ND	C3 C7	374	1	05/11/2025 21:38	WG2512494
Hexachloroethane	ND		374	1	05/11/2025 21:38	WG2512494
Isophorone	ND		374	1	05/11/2025 21:38	WG2512494
Nitrobenzene	ND		374	1	05/11/2025 21:38	WG2512494
n-Nitrosodimethylamine	ND		374	1	05/11/2025 21:38	WG2512494
n-Nitrosodiphenylamine	ND		374	1	05/11/2025 21:38	WG2512494
n-Nitrosodi-n-propylamine	ND		374	1	05/11/2025 21:38	WG2512494
Phenanthrene	ND		37.4	1	05/11/2025 21:38	WG2512494
Benzylbutyl phthalate	ND		374	1	05/11/2025 21:38	WG2512494
Bis(2-ethylhexyl)phthalate	ND		374	1	05/11/2025 21:38	WG2512494
Di-n-butyl phthalate	ND		374	1	05/11/2025 21:38	WG2512494
Diethyl phthalate	ND		374	1	05/11/2025 21:38	WG2512494
Dimethyl phthalate	ND		374	1	05/11/2025 21:38	WG2512494
Di-n-octyl phthalate	ND		374	1	05/11/2025 21:38	WG2512494
1,2,4-Trichlorobenzene	ND		374	1	05/11/2025 21:38	WG2512494
4-Chloro-3-methylphenol	ND		374	1	05/11/2025 21:38	WG2512494
2-Chlorophenol	ND		374	1	05/11/2025 21:38	WG2512494
2,4-Dichlorophenol	ND		374	1	05/11/2025 21:38	WG2512494
2,4-Dimethylphenol	ND	C3	374	1	05/11/2025 21:38	WG2512494
4,6-Dinitro-2-methylphenol	ND		374	1	05/11/2025 21:38	WG2512494
2,4-Dinitrophenol	ND		374	1	05/11/2025 21:38	WG2512494
2-Nitrophenol	ND		374	1	05/11/2025 21:38	WG2512494
4-Nitrophenol	ND		374	1	05/11/2025 21:38	WG2512494
Pentachlorophenol	ND		374	1	05/11/2025 21:38	WG2512494
Phenol	ND		374	1	05/11/2025 21:38	WG2512494
2,4,6-Trichlorophenol	ND		374	1	05/11/2025 21:38	WG2512494
(S) 2-Fluorophenol	69.4		12.0-120		05/11/2025 21:38	WG2512494
(S) Phenol-d5	59.9		10.0-120		05/11/2025 21:38	WG2512494
(S) Nitrobenzene-d5	68.1		10.0-122		05/11/2025 21:38	WG2512494
(S) 2-Fluorobiphenyl	64.7		15.0-120		05/11/2025 21:38	WG2512494
(S) 2,4,6-Tribromophenol	98.4		10.0-127		05/11/2025 21:38	WG2512494
(S) p-Terphenyl-d14	69.1		10.0-120		05/11/2025 21:38	WG2512494

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Calculated Results

	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg		date / time	
Total Nitrogen	2060000		24600	1	05/12/2025 13:06	WG2512503

1
Cp

2
Tc

3
Ss

4
Cn

5
Sr

6
Qc

7
Gl

8
Al

9
Sc

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch
Analyte	%			date / time	
Total Solids	83.9		1	05/11/2025 12:49	WG2512446

Wet Chemistry by Method 350.1

	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg		date / time	
Ammonia Nitrogen	ND		11900	1	05/12/2025 03:06	WG2512500

Wet Chemistry by Method 4500NOrg D-2021

	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg		date / time	
Kjeldahl Nitrogen, TKN	2050000		119000	5	05/12/2025 13:06	WG2512496

Wet Chemistry by Method 9056A

	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg		date / time	
Nitrate-Nitrite	ND		24600	1.03	05/11/2025 21:34	WG2512503

Wet Chemistry by Method WALKLEY-BLACK

	Result	Qualifier	RDL	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg		date / time	
TOC By Walkley Black	27500000		500000	5	05/13/2025 18:09	WG2512864

Metals (ICP) by Method 6010D

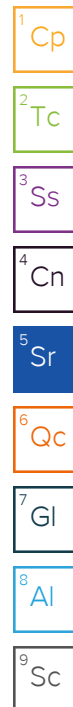
	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg		date / time	
Aluminum	5660000		23800	1	05/11/2025 16:08	WG2512493
Antimony	ND		2380	1	05/11/2025 16:08	WG2512493
Beryllium	561		238	1	05/11/2025 16:08	WG2512493
Calcium	6080000		119000	1	05/11/2025 16:08	WG2512493
Cobalt	4270		1190	1	05/11/2025 16:08	WG2512493
Iron	9150000		11900	1	05/11/2025 16:08	WG2512493
Magnesium	3030000		119000	1	05/11/2025 16:08	WG2512493
Manganese	288000		1190	1	05/11/2025 16:08	WG2512493
Potassium	2320000		119000	1	05/11/2025 16:08	WG2512493
Sodium	233000		119000	1	05/11/2025 16:08	WG2512493
Thallium	ND		2380	1	05/11/2025 16:08	WG2512493
Vanadium	16000		2380	1	05/11/2025 16:08	WG2512493

Volatile Organic Compounds (GC/MS) by Method 8260D

	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg		date / time	
Acetone	ND	C3	69.2	1	05/11/2025 18:36	WG2512491
Acrylonitrile	ND		17.3	1	05/11/2025 18:36	WG2512491
Bromobenzene	ND		17.3	1	05/11/2025 18:36	WG2512491
Bromodichloromethane	ND		3.46	1	05/11/2025 18:36	WG2512491
Bromoform	ND		34.6	1	05/11/2025 18:36	WG2512491
Bromomethane	ND	C3	17.3	1	05/11/2025 18:36	WG2512491

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
n-Butylbenzene	ND		17.3	1	05/11/2025 18:36	WG2512491
sec-Butylbenzene	ND		17.3	1	05/11/2025 18:36	WG2512491
tert-Butylbenzene	ND		6.92	1	05/11/2025 18:36	WG2512491
Carbon tetrachloride	ND		6.92	1	05/11/2025 18:36	WG2512491
Chlorobenzene	ND		3.46	1	05/11/2025 18:36	WG2512491
Chlorodibromomethane	ND		3.46	1	05/11/2025 18:36	WG2512491
Chloroethane	ND	C3 J4	6.92	1	05/11/2025 18:36	WG2512491
Chloroform	ND		3.46	1	05/11/2025 18:36	WG2512491
Chloromethane	ND		17.3	1	05/11/2025 18:36	WG2512491
2-Chlorotoluene	ND		3.46	1	05/11/2025 18:36	WG2512491
4-Chlorotoluene	ND		6.92	1	05/11/2025 18:36	WG2512491
1,2-Dibromo-3-Chloropropane	ND		34.6	1	05/11/2025 18:36	WG2512491
1,2-Dibromoethane	ND		3.46	1	05/11/2025 18:36	WG2512491
Dibromomethane	ND		6.92	1	05/11/2025 18:36	WG2512491
1,2-Dichlorobenzene	ND		6.92	1	05/11/2025 18:36	WG2512491
1,3-Dichlorobenzene	ND		6.92	1	05/11/2025 18:36	WG2512491
1,4-Dichlorobenzene	ND		6.92	1	05/11/2025 18:36	WG2512491
Dichlorodifluoromethane	ND		6.92	1	05/11/2025 18:36	WG2512491
1,1-Dichloroethane	ND		3.46	1	05/11/2025 18:36	WG2512491
1,2-Dichloroethane	ND		3.46	1	05/11/2025 18:36	WG2512491
1,1-Dichloroethene	ND		3.46	1	05/11/2025 18:36	WG2512491
cis-1,2-Dichloroethene	ND		3.46	1	05/11/2025 18:36	WG2512491
trans-1,2-Dichloroethene	ND	C3	6.92	1	05/11/2025 18:36	WG2512491
1,2-Dichloropropane	ND		6.92	1	05/11/2025 18:36	WG2512491
1,1-Dichloropropene	ND		3.46	1	05/11/2025 18:36	WG2512491
1,3-Dichloropropane	ND		6.92	1	05/11/2025 18:36	WG2512491
cis-1,3-Dichloropropene	ND		3.46	1	05/11/2025 18:36	WG2512491
trans-1,3-Dichloropropene	ND		6.92	1	05/11/2025 18:36	WG2512491
2,2-Dichloropropane	ND	C3 J4	3.46	1	05/11/2025 18:36	WG2512491
Di-isopropyl ether	ND		1.38	1	05/11/2025 18:36	WG2512491
Hexachloro-1,3-butadiene	ND		34.6	1	05/11/2025 18:36	WG2512491
Isopropylbenzene	ND		3.46	1	05/11/2025 18:36	WG2512491
p-Isopropyltoluene	ND		6.92	1	05/11/2025 18:36	WG2512491
2-Butanone (MEK)	ND		138	1	05/11/2025 18:36	WG2512491
Methylene Chloride	ND	C3	34.6	1	05/11/2025 18:36	WG2512491
4-Methyl-2-pentanone (MIBK)	ND	J4	34.6	1	05/11/2025 18:36	WG2512491
Methyl tert-butyl ether	ND		1.38	1	05/11/2025 18:36	WG2512491
n-Propylbenzene	ND		6.92	1	05/11/2025 18:36	WG2512491
Styrene	ND		17.3	1	05/11/2025 18:36	WG2512491
1,1,1,2-Tetrachloroethane	ND		3.46	1	05/11/2025 18:36	WG2512491
1,1,2,2-Tetrachloroethane	ND		3.46	1	05/11/2025 18:36	WG2512491
1,1,2-Trichlorotrifluoroethane	ND		3.46	1	05/11/2025 18:36	WG2512491
Tetrachloroethene	ND		3.46	1	05/11/2025 18:36	WG2512491
1,2,3-Trichlorobenzene	ND		17.3	1	05/11/2025 18:36	WG2512491
1,2,4-Trichlorobenzene	ND		17.3	1	05/11/2025 18:36	WG2512491
1,1,1-Trichloroethane	ND		3.46	1	05/11/2025 18:36	WG2512491
1,1,2-Trichloroethane	ND		3.46	1	05/11/2025 18:36	WG2512491
Trichloroethene	ND		1.38	1	05/11/2025 18:36	WG2512491
Trichlorofluoromethane	ND		3.46	1	05/11/2025 18:36	WG2512491
1,2,3-Trichloropropane	ND		17.3	1	05/11/2025 18:36	WG2512491
1,2,3-Trimethylbenzene	ND		6.92	1	05/11/2025 18:36	WG2512491
Vinyl chloride	ND		3.46	1	05/11/2025 18:36	WG2512491
(S) Toluene-d8	130		75.0-131		05/11/2025 18:36	WG2512491
(S) 4-Bromofluorobenzene	95.1		67.0-138		05/11/2025 18:36	WG2512491
(S) 1,2-Dichloroethane-d4	84.4		70.0-130		05/11/2025 18:36	WG2512491



Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Acenaphthylene	ND		39.7	1	05/11/2025 21:58	WG2512494
Benidine	ND	C7	1990	1	05/11/2025 21:58	WG2512494
Benzo(g,h,i)perylene	ND		39.7	1	05/11/2025 21:58	WG2512494
Bis(2-chlorethoxy)methane	ND		397	1	05/11/2025 21:58	WG2512494
Bis(2-chloroethyl)ether	ND		397	1	05/11/2025 21:58	WG2512494
2,2-Oxybis(1-Chloropropane)	ND		397	1	05/11/2025 21:58	WG2512494
4-Bromophenyl-phenylether	ND		397	1	05/11/2025 21:58	WG2512494
2-Chloronaphthalene	ND		39.7	1	05/11/2025 21:58	WG2512494
4-Chlorophenyl-phenylether	ND		397	1	05/11/2025 21:58	WG2512494
1,2-Dichlorobenzene	ND		397	1	05/11/2025 21:58	WG2512494
1,3-Dichlorobenzene	ND		397	1	05/11/2025 21:58	WG2512494
1,4-Dichlorobenzene	ND		397	1	05/11/2025 21:58	WG2512494
3,3-Dichlorobenzidine	ND		397	1	05/11/2025 21:58	WG2512494
2,4-Dinitrotoluene	ND		397	1	05/11/2025 21:58	WG2512494
2,6-Dinitrotoluene	ND		397	1	05/11/2025 21:58	WG2512494
Hexachlorobenzene	ND		397	1	05/11/2025 21:58	WG2512494
Hexachloro-1,3-butadiene	ND		397	1	05/11/2025 21:58	WG2512494
Hexachlorocyclopentadiene	ND	C3 C7	397	1	05/11/2025 21:58	WG2512494
Hexachloroethane	ND		397	1	05/11/2025 21:58	WG2512494
Isophorone	ND		397	1	05/11/2025 21:58	WG2512494
Nitrobenzene	ND		397	1	05/11/2025 21:58	WG2512494
n-Nitrosodimethylamine	ND		397	1	05/11/2025 21:58	WG2512494
n-Nitrosodiphenylamine	ND		397	1	05/11/2025 21:58	WG2512494
n-Nitrosodi-n-propylamine	ND		397	1	05/11/2025 21:58	WG2512494
Phenanthrene	ND		39.7	1	05/11/2025 21:58	WG2512494
Benzylbutyl phthalate	ND		397	1	05/11/2025 21:58	WG2512494
Bis(2-ethylhexyl)phthalate	ND		397	1	05/11/2025 21:58	WG2512494
Di-n-butyl phthalate	ND		397	1	05/11/2025 21:58	WG2512494
Diethyl phthalate	ND		397	1	05/11/2025 21:58	WG2512494
Dimethyl phthalate	ND		397	1	05/11/2025 21:58	WG2512494
Di-n-octyl phthalate	ND		397	1	05/11/2025 21:58	WG2512494
1,2,4-Trichlorobenzene	ND		397	1	05/11/2025 21:58	WG2512494
4-Chloro-3-methylphenol	ND		397	1	05/11/2025 21:58	WG2512494
2-Chlorophenol	ND		397	1	05/11/2025 21:58	WG2512494
2,4-Dichlorophenol	ND		397	1	05/11/2025 21:58	WG2512494
2,4-Dimethylphenol	ND	C3	397	1	05/11/2025 21:58	WG2512494
4,6-Dinitro-2-methylphenol	ND		397	1	05/11/2025 21:58	WG2512494
2,4-Dinitrophenol	ND		397	1	05/11/2025 21:58	WG2512494
2-Nitrophenol	ND		397	1	05/11/2025 21:58	WG2512494
4-Nitrophenol	ND		397	1	05/11/2025 21:58	WG2512494
Pentachlorophenol	ND		397	1	05/11/2025 21:58	WG2512494
Phenol	ND		397	1	05/11/2025 21:58	WG2512494
2,4,6-Trichlorophenol	ND		397	1	05/11/2025 21:58	WG2512494
(S) 2-Fluorophenol	76.1		12.0-120		05/11/2025 21:58	WG2512494
(S) Phenol-d5	68.6		10.0-120		05/11/2025 21:58	WG2512494
(S) Nitrobenzene-d5	65.2		10.0-122		05/11/2025 21:58	WG2512494
(S) 2-Fluorobiphenyl	62.7		15.0-120		05/11/2025 21:58	WG2512494
(S) 2,4,6-Tribromophenol	97.4		10.0-127		05/11/2025 21:58	WG2512494
(S) p-Terphenyl-d14	73.3		10.0-120		05/11/2025 21:58	WG2512494

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Acetone	ND		50.0	1	05/11/2025 16:07	WG2512487
Acrolein	ND	J4	50.0	1	05/11/2025 16:07	WG2512487
Acrylonitrile	ND		10.0	1	05/11/2025 16:07	WG2512487
Benzene	ND		1.00	1	05/11/2025 16:07	WG2512487
Bromobenzene	ND		1.00	1	05/11/2025 16:07	WG2512487
Bromodichloromethane	ND		1.00	1	05/11/2025 16:07	WG2512487
Bromoform	ND	C3	1.00	1	05/11/2025 16:07	WG2512487
Bromomethane	ND	C3	5.00	1	05/11/2025 16:07	WG2512487
n-Butylbenzene	ND		1.00	1	05/11/2025 16:07	WG2512487
sec-Butylbenzene	ND		1.00	1	05/11/2025 16:07	WG2512487
tert-Butylbenzene	ND		1.00	1	05/11/2025 16:07	WG2512487
Carbon tetrachloride	ND		1.00	1	05/11/2025 16:07	WG2512487
Chlorobenzene	ND		1.00	1	05/11/2025 16:07	WG2512487
Chlorodibromomethane	ND		1.00	1	05/11/2025 16:07	WG2512487
Chloroethane	ND		5.00	1	05/11/2025 16:07	WG2512487
Chloroform	ND		5.00	1	05/11/2025 16:07	WG2512487
Chloromethane	ND		2.50	1	05/11/2025 16:07	WG2512487
2-Chlorotoluene	ND		1.00	1	05/11/2025 16:07	WG2512487
4-Chlorotoluene	ND		1.00	1	05/11/2025 16:07	WG2512487
1,2-Dibromo-3-Chloropropane	ND	C3	5.00	1	05/11/2025 16:07	WG2512487
1,2-Dibromoethane	ND		1.00	1	05/11/2025 16:07	WG2512487
Dibromomethane	ND		1.00	1	05/11/2025 16:07	WG2512487
1,2-Dichlorobenzene	ND		1.00	1	05/11/2025 16:07	WG2512487
1,3-Dichlorobenzene	ND		1.00	1	05/11/2025 16:07	WG2512487
1,4-Dichlorobenzene	ND		1.00	1	05/11/2025 16:07	WG2512487
Dichlorodifluoromethane	ND		5.00	1	05/11/2025 16:07	WG2512487
1,1-Dichloroethane	ND		1.00	1	05/11/2025 16:07	WG2512487
1,2-Dichloroethane	ND		1.00	1	05/11/2025 16:07	WG2512487
1,1-Dichloroethene	ND		1.00	1	05/11/2025 16:07	WG2512487
cis-1,2-Dichloroethene	ND		1.00	1	05/11/2025 16:07	WG2512487
trans-1,2-Dichloroethene	ND		1.00	1	05/11/2025 16:07	WG2512487
1,2-Dichloropropane	ND		1.00	1	05/11/2025 16:07	WG2512487
1,1-Dichloropropene	ND		1.00	1	05/11/2025 16:07	WG2512487
1,3-Dichloropropane	ND		1.00	1	05/11/2025 16:07	WG2512487
cis-1,3-Dichloropropene	ND		1.00	1	05/11/2025 16:07	WG2512487
trans-1,3-Dichloropropene	ND		1.00	1	05/11/2025 16:07	WG2512487
2,2-Dichloropropane	ND		1.00	1	05/11/2025 16:07	WG2512487
Di-isopropyl ether	ND		1.00	1	05/11/2025 16:07	WG2512487
Ethylbenzene	ND		1.00	1	05/11/2025 16:07	WG2512487
Hexachloro-1,3-butadiene	ND		1.00	1	05/11/2025 16:07	WG2512487
Isopropylbenzene	ND		1.00	1	05/11/2025 16:07	WG2512487
p-Isopropyltoluene	ND		1.00	1	05/11/2025 16:07	WG2512487
2-Butanone (MEK)	ND		10.0	1	05/11/2025 16:07	WG2512487
Methylene Chloride	ND		5.00	1	05/11/2025 16:07	WG2512487
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	05/11/2025 16:07	WG2512487
Methyl tert-butyl ether	ND		1.00	1	05/11/2025 16:07	WG2512487
Naphthalene	ND	C3	5.00	1	05/11/2025 16:07	WG2512487
n-Propylbenzene	ND		1.00	1	05/11/2025 16:07	WG2512487
Styrene	ND	C3 J4	1.00	1	05/11/2025 16:07	WG2512487
1,1,1,2-Tetrachloroethane	ND		1.00	1	05/11/2025 16:07	WG2512487
1,1,2,2-Tetrachloroethane	ND		1.00	1	05/11/2025 16:07	WG2512487
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	05/11/2025 16:07	WG2512487
Tetrachloroethene	ND		1.00	1	05/11/2025 16:07	WG2512487
Toluene	ND		1.00	1	05/11/2025 16:07	WG2512487
1,2,3-Trichlorobenzene	ND		1.00	1	05/11/2025 16:07	WG2512487
1,2,4-Trichlorobenzene	ND		1.00	1	05/11/2025 16:07	WG2512487

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,1-Trichloroethane	ND		1.00	1	05/11/2025 16:07	WG2512487
1,1,2-Trichloroethane	ND		1.00	1	05/11/2025 16:07	WG2512487
Trichloroethene	ND		1.00	1	05/11/2025 16:07	WG2512487
Trichlorofluoromethane	ND		5.00	1	05/11/2025 16:07	WG2512487
1,2,3-Trichloropropane	ND		2.50	1	05/11/2025 16:07	WG2512487
1,2,4-Trimethylbenzene	ND		1.00	1	05/11/2025 16:07	WG2512487
1,2,3-Trimethylbenzene	ND		1.00	1	05/11/2025 16:07	WG2512487
1,3,5-Trimethylbenzene	ND		1.00	1	05/11/2025 16:07	WG2512487
Vinyl chloride	ND		1.00	1	05/11/2025 16:07	WG2512487
Xylenes, Total	ND		3.00	1	05/11/2025 16:07	WG2512487
(S) Toluene-d8	99.7		80.0-120		05/11/2025 16:07	WG2512487
(S) 4-Bromofluorobenzene	99.9		77.0-126		05/11/2025 16:07	WG2512487
(S) 1,2-Dichloroethane-d4	109		70.0-130		05/11/2025 16:07	WG2512487

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4213058-1 05/11/25 12:38

	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	%		%	%
Total Solids	0.00300			

1
Cp

2
Tc

3
Ss

L1857695-05 Original Sample (OS) • Duplicate (DUP)

(OS) L1857695-05 05/11/25 12:38 • (DUP) R4213058-3 05/11/25 12:38

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	%	%		%		%
Total Solids	86.5	85.8	1	0.855		10

4
Cn

5
Sr

6
Qc

Laboratory Control Sample (LCS)

(LCS) R4213058-2 05/11/25 12:38

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	%	%	%	%	
Total Solids	50.0	50.0	100	90.0-110	

7
Gl

8
Al

9
Sc

Method Blank (MB)

(MB) R4213059-1 05/11/25 12:49

	MB Result	<u>MB Qualifier</u>	MB MDL	MB RDL
Analyte	%		%	%
Total Solids	0.00100			

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

L1857558-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1857558-01 05/11/25 12:49 • (DUP) R4213059-3 05/11/25 12:49

	Original Result	DUP Result	Dilution	DUP RPD	<u>DUP Qualifier</u>	DUP RPD Limits
Analyte	%	%		%		%
Total Solids	80.0	81.1	1	1.29		10

Laboratory Control Sample (LCS)

(LCS) R4213059-2 05/11/25 12:49

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	<u>LCS Qualifier</u>
Analyte	%	%	%	%	
Total Solids	50.0	50.0	100	90.0-110	

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R4213142-1 05/12/25 01:13

	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	ug/kg		ug/kg	ug/kg
Ammonia Nitrogen	U		7190	10000

L1857512-10 Original Sample (OS) • Duplicate (DUP)

(OS) L1857512-10 05/12/25 01:16 • (DUP) R4213142-3 05/12/25 01:18

	Original Result (dry)	DUP Result (dry)	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/kg	ug/kg		%		%
Ammonia Nitrogen	ND	ND	1	0.000		20

L1857512-18 Original Sample (OS) • Duplicate (DUP)

(OS) L1857512-18 05/12/25 01:27 • (DUP) R4213142-4 05/12/25 01:33

	Original Result (dry)	DUP Result (dry)	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/kg	ug/kg		%		%
Ammonia Nitrogen	ND	ND	1	0.000		20

Laboratory Control Sample (LCS)

(LCS) R4213142-2 05/12/25 01:15

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	ug/kg	ug/kg	%	%	
Ammonia Nitrogen	250000	241000	96.2	90.0-110	

L1857695-05 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1857695-05 05/12/25 01:57 • (MS) R4213142-5 05/12/25 01:58 • (MSD) R4213142-6 05/12/25 02:00

	Spike Amount (dry)	Original Result (dry)	MS Result (dry)	MSD Result (dry)	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	ug/kg	ug/kg	ug/kg	ug/kg	%	%		%			%	%
Ammonia Nitrogen	289000	ND	282000	283000	97.6	97.9	1	90.0-110			0.260	20

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4213143-1 05/12/25 02:19

	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	ug/kg		ug/kg	ug/kg
Ammonia Nitrogen	U		7190	10000

L1857483-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1857483-02 05/12/25 02:27 • (DUP) R4213143-5 05/12/25 02:28

	Original Result (dry)	DUP Result (dry)	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/kg	ug/kg		%		%
Ammonia Nitrogen	ND	ND	1	0.000		20

L1857487-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1857487-01 05/12/25 02:31 • (DUP) R4213143-6 05/12/25 02:33

	Original Result (dry)	DUP Result (dry)	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/kg	ug/kg		%		%
Ammonia Nitrogen	ND	ND	1	0.000		20

Laboratory Control Sample (LCS)

(LCS) R4213143-2 05/12/25 02:21

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	ug/kg	ug/kg	%	%	
Ammonia Nitrogen	250000	239000	95.4	90.0-110	

L1857483-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1857483-01 05/12/25 02:22 • (MS) R4213143-3 05/12/25 02:24 • (MSD) R4213143-4 05/12/25 02:25

	Spike Amount (dry)	Original Result (dry)	MS Result (dry)	MSD Result (dry)	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	ug/kg	ug/kg	ug/kg	ug/kg	%	%		%			%	%
Ammonia Nitrogen	281000	ND	273000	278000	97.2	99.1	1	90.0-110			1.93	20

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4213296-1 05/12/25 10:51

	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	ug/kg		ug/kg	ug/kg
Kjeldahl Nitrogen, TKN	U		15200	20000

L1857512-18 Original Sample (OS) • Duplicate (DUP)

(OS) L1857512-18 05/12/25 11:34 • (DUP) R4213296-12 05/12/25 11:35

	Original Result (dry)	DUP Result (dry)	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/kg	ug/kg		%		%
Kjeldahl Nitrogen, TKN	2100000	1930000	5	8.62		20

L1857512-22 Original Sample (OS) • Duplicate (DUP)

(OS) L1857512-22 05/12/25 11:38 • (DUP) R4213296-14 05/12/25 11:42

	Original Result (dry)	DUP Result (dry)	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/kg	ug/kg		%		%
Kjeldahl Nitrogen, TKN	2060000	2130000	5	3.25		20

Laboratory Control Sample (LCS)

(LCS) R4213296-3 05/12/25 10:52

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	ug/kg	ug/kg	%	%	
Kjeldahl Nitrogen, TKN	480000	464000	96.6	81.7-124	

L1857512-10 Original Sample (OS) • Matrix Spike (MS)

(OS) L1857512-10 05/12/25 11:24 • (MS) R4213296-10 05/12/25 11:25

	Spike Amount (dry)	Original Result (dry)	MS Result (dry)	MS Rec.	Dilution	Rec. Limits	MS Qualifier
Analyte	ug/kg	ug/kg	ug/kg	%		%	
Kjeldahl Nitrogen, TKN	490000	2460000	2610000	31.1	5	81.7-124	V

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

L1857695-05 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1857695-05 05/12/25 11:51 • (MS) R4213296-16 05/12/25 11:52 • (MSD) R4213296-18 05/12/25 11:53

	Spike Amount (dry)	Original Result (dry)	MS Result (dry)	MSD Result (dry)	MS Rec.	MSD Rec.	Dilution	Rec. Limits	<u>MS Qualifier</u>	<u>MSD Qualifier</u>	RPD	RPD Limits
Analyte	ug/kg	ug/kg	ug/kg	ug/kg	%	%		%			%	%
Kjeldahl Nitrogen, TKN	462000	1910000	2400000	2330000	106	90.6	5	81.7-124			2.94	20

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R4213373-1 05/12/25 12:33

	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	ug/kg		ug/kg	ug/kg
Kjeldahl Nitrogen, TKN	U		15200	20000

L1857695-09 Original Sample (OS) • Duplicate (DUP)

(OS) L1857695-09 05/12/25 12:54 • (DUP) R4213373-11 05/12/25 12:55

	Original Result (dry)	DUP Result (dry)	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/kg	ug/kg		%		%
Kjeldahl Nitrogen, TKN	1290000	1370000	5	6.22		20

L1857695-15 Original Sample (OS) • Duplicate (DUP)

(OS) L1857695-15 05/12/25 13:02 • (DUP) R4213373-13 05/12/25 13:03

	Original Result (dry)	DUP Result (dry)	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/kg	ug/kg		%		%
Kjeldahl Nitrogen, TKN	1910000	1720000	5	10.6		20

Laboratory Control Sample (LCS)

(LCS) R4213373-3 05/12/25 12:34

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	ug/kg	ug/kg	%	%	
Kjeldahl Nitrogen, TKN	480000	492000	102	81.7-124	

L1857483-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1857483-01 05/12/25 12:35 • (MS) R4213373-5 05/12/25 12:36 • (MSD) R4213373-7 05/12/25 12:37

	Spike Amount (dry)	Original Result (dry)	MS Result (dry)	MSD Result (dry)	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	ug/kg	ug/kg	ug/kg	ug/kg	%	%		%			%	%
Kjeldahl Nitrogen, TKN	449000	1870000	2020000	1890000	33.9	4.67	5	81.7-124	V	V	6.72	20

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

L1857483-02 Original Sample (OS) • Matrix Spike (MS)

(OS) L1857483-02 05/12/25 12:38 • (MS) R4213373-9 05/12/25 12:40

	Spike Amount (dry)	Original Result (dry)	MS Result (dry)	MS Rec.	Dilution	Rec. Limits	<u>MS Qualifier</u>
Analyte	ug/kg	ug/kg	ug/kg	%		%	
Kjeldahl Nitrogen, TKN	455000	1930000	2220000	62.4	5	81.7-124	<u>V</u>

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R4213178-1 05/11/25 16:24

	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	ug/kg		ug/kg	ug/kg
Nitrate-Nitrite	U		606	20000

Laboratory Control Sample (LCS)

(LCS) R4213178-2 05/11/25 16:40

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	ug/kg	ug/kg	%	%	
Nitrate-Nitrite	40000	40300	101	80.0-120	

L1857695-05 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1857695-05 05/11/25 17:46 • (MS) R4213178-3 05/11/25 18:02 • (MSD) R4213178-4 05/11/25 18:18

	Spike Amount (dry)	Original Result (dry)	MS Result (dry)	MSD Result (dry)	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	ug/kg	ug/kg	ug/kg	ug/kg	%	%		%			%	%
Nitrate-Nitrite	46200	ND	54100	52900	104	102	1.02	80.0-120			2.37	15

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4214176-1 05/13/25 17:54

	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	ug/kg		ug/kg	ug/kg
TOC By Walkley Black	U		25500	100000

L1857695-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1857695-01 05/13/25 17:58 • (DUP) R4214176-3 05/13/25 17:58

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/kg	ug/kg		%		%
TOC By Walkley Black	28500000	29500000	5	3.47		20

L1857695-09 Original Sample (OS) • Duplicate (DUP)

(OS) L1857695-09 05/13/25 18:04 • (DUP) R4214176-6 05/13/25 18:04

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/kg	ug/kg		%		%
TOC By Walkley Black	23200000	20400000	4	12.6		20

Laboratory Control Sample (LCS)

(LCS) R4214176-2 05/13/25 17:55

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	ug/kg	ug/kg	%	%	
TOC By Walkley Black	3230000	3920000	121	75.0-144	

L1857695-05 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1857695-05 05/13/25 18:01 • (MS) R4214176-4 05/13/25 18:01 • (MSD) R4214176-5 05/13/25 18:02

	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	ug/kg	ug/kg	ug/kg	ug/kg	%	%		%			%	%
TOC By Walkley Black	20000000	31600000	52700000	51300000	105	98.8	5	80.0-120	E	E	2.54	20

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4213032-1 05/11/25 15:34

Analyte	MB Result ug/kg	MB Qualifier	MB MDL ug/kg	MB RDL ug/kg
Aluminum	U		6080	20000
Antimony	U		691	2000
Beryllium	U		47.7	200
Calcium	U		19000	100000
Cobalt	U		177	1000
Iron	U		2240	10000
Magnesium	U		19900	100000
Manganese	U		173	1000
Potassium	U		20900	100000
Sodium	U		41200	100000
Thallium	U		518	2000
Vanadium	U		383	2000

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Laboratory Control Sample (LCS)

(LCS) R4213032-2 05/11/25 15:36

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Aluminum	1000000	1140000	114	80.0-120	
Antimony	100000	112000	112	80.0-120	
Beryllium	100000	113000	113	80.0-120	
Calcium	1000000	1120000	112	80.0-120	
Cobalt	100000	106000	106	80.0-120	
Iron	1000000	1140000	114	80.0-120	
Magnesium	1000000	1130000	113	80.0-120	
Manganese	100000	111000	111	80.0-120	
Potassium	1000000	1170000	117	80.0-120	
Sodium	1000000	1150000	115	80.0-120	
Thallium	100000	116000	116	80.0-120	
Vanadium	100000	112000	112	80.0-120	

L1857695-05 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1857695-05 05/11/25 15:37 • (MS) R4213032-5 05/11/25 15:42 • (MSD) R4213032-6 05/11/25 15:44

Analyte	Spike Amount (dry) ug/kg	Original Result (dry) ug/kg	MS Result (dry) ug/kg	MSD Result (dry) ug/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Aluminum	1160000	3460000	4600000	4310000	98.5	73.4	1	75.0-125		J6	6.51	20
Antimony	116000	ND	111000	104000	96.3	90.3	1	75.0-125			6.51	20

L1857695-05 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1857695-05 05/11/25 15:37 • (MS) R4213032-5 05/11/25 15:42 • (MSD) R4213032-6 05/11/25 15:44

	Spike Amount (dry)	Original Result (dry)	MS Result (dry)	MSD Result (dry)	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	ug/kg	ug/kg	ug/kg	ug/kg	%	%		%			%	%
Beryllium	116000	450	128000	123000	111	106	1	75.0-125			3.97	20
Calcium	1160000	34700000	9950000	13300000	0.000	0.000	1	75.0-125	V	J3 V	28.8	20
Cobalt	116000	3150	129000	122000	109	103	1	75.0-125			5.84	20
Iron	1160000	7490000	16000000	7270000	737	0.000	1	75.0-125	V	J3 V	75.0	20
Magnesium	1160000	2230000	3310000	3180000	93.8	82.2	1	75.0-125			4.14	20
Manganese	116000	263000	605000	348000	296	73.1	1	75.0-125	J5	J3 J6	54.1	20
Potassium	1160000	1840000	2930000	2910000	94.2	92.6	1	75.0-125			0.615	20
Sodium	1160000	187000	1490000	1420000	113	106	1	75.0-125			5.18	20
Thallium	116000	ND	131000	123000	113	106	1	75.0-125			6.23	20
Vanadium	116000	11000	138000	127000	110	101	1	75.0-125			7.97	20

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4213113-2 05/11/25 13:55

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Acetone	U		11.3	50.0
Acrolein	U		2.54	50.0
Acrylonitrile	U		0.671	10.0
Benzene	U		0.0941	1.00
Bromobenzene	U		0.118	1.00
Bromodichloromethane	U		0.136	1.00
Bromoform	U		0.129	1.00
Bromomethane	U		0.605	5.00
n-Butylbenzene	U		0.157	1.00
sec-Butylbenzene	U		0.125	1.00
tert-Butylbenzene	U		0.127	1.00
Carbon tetrachloride	U		0.128	1.00
Chlorobenzene	U		0.116	1.00
Chlorodibromomethane	U		0.140	1.00
Chloroethane	U		0.192	5.00
Chloroform	U		0.111	5.00
Chloromethane	U		0.960	2.50
2-Chlorotoluene	U		0.106	1.00
4-Chlorotoluene	U		0.114	1.00
1,2-Dibromo-3-Chloropropane	U		0.276	5.00
1,2-Dibromoethane	U		0.126	1.00
Dibromomethane	U		0.122	1.00
1,2-Dichlorobenzene	U		0.107	1.00
1,3-Dichlorobenzene	U		0.110	1.00
1,4-Dichlorobenzene	U		0.120	1.00
Dichlorodifluoromethane	U		0.374	5.00
1,1-Dichloroethane	U		0.100	1.00
1,2-Dichloroethane	U		0.0819	1.00
1,1-Dichloroethene	U		0.188	1.00
cis-1,2-Dichloroethene	U		0.126	1.00
trans-1,2-Dichloroethene	U		0.149	1.00
1,2-Dichloropropane	U		0.149	1.00
1,1-Dichloropropene	U		0.142	1.00
1,3-Dichloropropane	U		0.110	1.00
cis-1,3-Dichloropropene	U		0.111	1.00
trans-1,3-Dichloropropene	U		0.118	1.00
2,2-Dichloropropane	U		0.161	1.00
Di-isopropyl ether	U		0.105	1.00
Ethylbenzene	U		0.137	1.00
Hexachloro-1,3-butadiene	U		0.337	1.00

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R4213113-2 05/11/25 13:55

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Isopropylbenzene	U		0.105	1.00
p-Isopropyltoluene	U		0.120	1.00
2-Butanone (MEK)	U		1.19	10.0
Methylene Chloride	U		0.430	5.00
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0
Methyl tert-butyl ether	U		0.101	1.00
Naphthalene	U		1.00	5.00
n-Propylbenzene	U		0.0993	1.00
Styrene	U		0.118	1.00
1,1,1,2-Tetrachloroethane	U		0.147	1.00
1,1,2,2-Tetrachloroethane	U		0.133	1.00
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00
Tetrachloroethene	U		0.300	1.00
Toluene	U		0.278	1.00
1,2,3-Trichlorobenzene	U		0.230	1.00
1,2,4-Trichlorobenzene	U		0.481	1.00
1,1,1-Trichloroethane	U		0.149	1.00
1,1,2-Trichloroethane	U		0.158	1.00
Trichloroethene	U		0.190	1.00
Trichlorofluoromethane	U		0.160	5.00
1,2,3-Trichloropropane	U		0.237	2.50
1,2,4-Trimethylbenzene	U		0.322	1.00
1,2,3-Trimethylbenzene	U		0.104	1.00
1,3,5-Trimethylbenzene	U		0.104	1.00
Vinyl chloride	U		0.234	1.00
Xylenes, Total	U		0.174	3.00
(S) Toluene-d8	100			80.0-120
(S) 4-Bromofluorobenzene	97.4			77.0-126
(S) 1,2-Dichloroethane-d4	108			70.0-130

Laboratory Control Sample (LCS)

(LCS) R4213113-1 05/11/25 12:26

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acetone	25.0	39.7	159	19.0-160	
Acrolein	25.0	53.9	216	10.0-160	J4
Acrylonitrile	25.0	28.6	114	55.0-149	
Benzene	5.00	5.36	107	70.0-123	

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Laboratory Control Sample (LCS)

(LCS) R4213113-1 05/11/25 12:26

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	<u>LCS Qualifier</u>
Bromobenzene	5.00	5.14	103	73.0-121	
Bromodichloromethane	5.00	5.35	107	75.0-120	
Bromoform	5.00	3.60	72.0	68.0-132	
Bromomethane	5.00	2.50	50.0	10.0-160	
n-Butylbenzene	5.00	4.64	92.8	73.0-125	
sec-Butylbenzene	5.00	4.81	96.2	75.0-125	
tert-Butylbenzene	5.00	4.36	87.2	76.0-124	
Carbon tetrachloride	5.00	5.08	102	68.0-126	
Chlorobenzene	5.00	4.40	88.0	80.0-121	
Chlorodibromomethane	5.00	4.15	83.0	77.0-125	
Chloroethane	5.00	5.06	101	47.0-150	
Chloroform	5.00	5.54	111	73.0-120	
Chloromethane	5.00	4.84	96.8	41.0-142	
2-Chlorotoluene	5.00	5.49	110	76.0-123	
4-Chlorotoluene	5.00	4.75	95.0	75.0-122	
1,2-Dibromo-3-Chloropropane	5.00	3.54	70.8	58.0-134	
1,2-Dibromoethane	5.00	4.27	85.4	80.0-122	
Dibromomethane	5.00	5.43	109	80.0-120	
1,2-Dichlorobenzene	5.00	4.53	90.6	79.0-121	
1,3-Dichlorobenzene	5.00	4.52	90.4	79.0-120	
1,4-Dichlorobenzene	5.00	4.34	86.8	79.0-120	
Dichlorodifluoromethane	5.00	5.25	105	51.0-149	
1,1-Dichloroethane	5.00	5.36	107	70.0-126	
1,2-Dichloroethane	5.00	5.56	111	70.0-128	
1,1-Dichloroethene	5.00	4.97	99.4	71.0-124	
cis-1,2-Dichloroethene	5.00	5.01	100	73.0-120	
trans-1,2-Dichloroethene	5.00	5.23	105	73.0-120	
1,2-Dichloropropane	5.00	5.14	103	77.0-125	
1,1-Dichloropropene	5.00	5.66	113	74.0-126	
1,3-Dichloropropane	5.00	4.59	91.8	80.0-120	
cis-1,3-Dichloropropene	5.00	5.35	107	80.0-123	
trans-1,3-Dichloropropene	5.00	4.72	94.4	78.0-124	
2,2-Dichloropropane	5.00	5.52	110	58.0-130	
Di-isopropyl ether	5.00	5.24	105	58.0-138	
Ethylbenzene	5.00	4.17	83.4	79.0-123	
Hexachloro-1,3-butadiene	5.00	4.58	91.6	54.0-138	
Isopropylbenzene	5.00	4.17	83.4	76.0-127	
p-Isopropyltoluene	5.00	4.54	90.8	76.0-125	
2-Butanone (MEK)	25.0	35.2	141	44.0-160	
Methylene Chloride	5.00	5.35	107	67.0-120	

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Laboratory Control Sample (LCS)

(LCS) R4213113-1 05/11/25 12:26

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	<u>LCS Qualifier</u>
4-Methyl-2-pentanone (MIBK)	25.0	24.4	97.6	68.0-142	
Methyl tert-butyl ether	5.00	5.39	108	68.0-125	
Naphthalene	5.00	3.19	63.8	54.0-135	
n-Propylbenzene	5.00	4.99	99.8	77.0-124	
Styrene	5.00	3.62	72.4	73.0-130	J4
1,1,1,2-Tetrachloroethane	5.00	4.09	81.8	75.0-125	
1,1,2,2-Tetrachloroethane	5.00	4.90	98.0	65.0-130	
1,1,2-Trichlorotrifluoroethane	5.00	4.96	99.2	69.0-132	
Tetrachloroethene	5.00	4.46	89.2	72.0-132	
Toluene	5.00	4.26	85.2	79.0-120	
1,2,3-Trichlorobenzene	5.00	4.49	89.8	50.0-138	
1,2,4-Trichlorobenzene	5.00	4.00	80.0	57.0-137	
1,1,1-Trichloroethane	5.00	5.45	109	73.0-124	
1,1,2-Trichloroethane	5.00	4.66	93.2	80.0-120	
Trichloroethene	5.00	4.74	94.8	78.0-124	
Trichlorofluoromethane	5.00	5.40	108	59.0-147	
1,2,3-Trichloropropane	5.00	5.20	104	73.0-130	
1,2,4-Trimethylbenzene	5.00	4.65	93.0	76.0-121	
1,2,3-Trimethylbenzene	5.00	4.83	96.6	77.0-120	
1,3,5-Trimethylbenzene	5.00	4.77	95.4	76.0-122	
Vinyl chloride	5.00	5.11	102	67.0-131	
Xylenes, Total	15.0	12.5	83.3	79.0-123	
(S) Toluene-d8			91.8	80.0-120	
(S) 4-Bromofluorobenzene			93.9	77.0-126	
(S) 1,2-Dichloroethane-d4			107	70.0-130	

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

L1857698-05 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1857698-05 05/11/25 20:11 • (MS) R4213113-3 05/11/25 21:59 • (MSD) R4213113-4 05/11/25 22:21

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	<u>MS Qualifier</u>	<u>MSD Qualifier</u>	RPD %	RPD Limits %
Acetone	25.0	ND	ND	ND	72.8	81.2	1	10.0-160			10.9	35
Acrolein	25.0	ND	ND	ND	132	148	1	10.0-160			11.2	39
Acrylonitrile	25.0	ND	20.0	23.8	80.0	95.2	1	21.0-160			17.4	32
Benzene	5.00	ND	2.90	3.35	58.0	67.0	1	17.0-158			14.4	27
Bromobenzene	5.00	ND	3.34	3.98	66.8	79.6	1	30.0-149			17.5	28
Bromodichloromethane	5.00	ND	3.74	4.15	74.8	83.0	1	31.0-150			10.4	27
Bromoform	5.00	ND	2.47	2.99	49.4	59.8	1	29.0-150			19.0	29
Bromomethane	5.00	ND	ND	ND	23.8	23.8	1	10.0-160			0.000	38

L1857698-05 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1857698-05 05/11/25 20:11 • (MS) R4213113-3 05/11/25 21:59 • (MSD) R4213113-4 05/11/25 22:21

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
n-Butylbenzene	5.00	ND	2.83	3.39	56.6	67.8	1	31.0-150			18.0	30
sec-Butylbenzene	5.00	ND	3.01	3.70	60.2	74.0	1	33.0-155			20.6	29
tert-Butylbenzene	5.00	ND	2.93	3.49	58.6	69.8	1	34.0-153			17.4	28
Carbon tetrachloride	5.00	ND	3.06	3.45	61.2	69.0	1	23.0-159			12.0	28
Chlorobenzene	5.00	ND	2.70	3.16	54.0	63.2	1	33.0-152			15.7	27
Chlorodibromomethane	5.00	ND	2.80	3.13	56.0	62.6	1	37.0-149			11.1	27
Chloroethane	5.00	ND	ND	ND	42.0	51.2	1	10.0-160			19.7	30
Chloroform	5.00	ND	ND	ND	70.6	84.4	1	29.0-154			17.8	28
Chloromethane	5.00	ND	ND	ND	33.4	39.2	1	10.0-160			16.0	29
2-Chlorotoluene	5.00	ND	3.51	4.20	70.2	84.0	1	32.0-153			17.9	28
4-Chlorotoluene	5.00	ND	2.85	3.51	57.0	70.2	1	32.0-150			20.8	28
1,2-Dibromo-3-Chloropropane	5.00	ND	ND	ND	46.0	51.8	1	22.0-151			11.9	34
1,2-Dibromoethane	5.00	ND	2.57	2.91	51.4	58.2	1	34.0-147			12.4	27
Dibromomethane	5.00	ND	3.17	3.65	63.4	73.0	1	30.0-151			14.1	27
1,2-Dichlorobenzene	5.00	ND	2.88	3.55	57.6	71.0	1	34.0-149			20.8	28
1,3-Dichlorobenzene	5.00	ND	2.82	3.46	56.4	69.2	1	36.0-146			20.4	27
1,4-Dichlorobenzene	5.00	ND	2.88	3.41	57.6	68.2	1	35.0-142			16.9	27
Dichlorodifluoromethane	5.00	ND	ND	ND	46.8	52.6	1	10.0-160			11.7	29
1,1-Dichloroethane	5.00	ND	3.22	3.62	64.4	72.4	1	25.0-158			11.7	27
1,2-Dichloroethane	5.00	ND	3.53	4.15	70.6	83.0	1	29.0-151			16.1	27
1,1-Dichloroethene	5.00	ND	2.16	2.49	43.2	49.8	1	11.0-160			14.2	29
cis-1,2-Dichloroethene	5.00	ND	2.73	3.33	54.6	66.6	1	10.0-160			19.8	27
trans-1,2-Dichloroethene	5.00	ND	1.98	2.38	39.6	47.6	1	17.0-153			18.3	27
1,2-Dichloropropane	5.00	ND	3.52	3.85	70.4	77.0	1	30.0-156			8.96	27
1,1-Dichloropropene	5.00	ND	2.62	2.99	52.4	59.8	1	25.0-158			13.2	27
1,3-Dichloropropane	5.00	ND	2.99	3.46	59.8	69.2	1	38.0-147			14.6	27
cis-1,3-Dichloropropene	5.00	ND	2.76	3.18	55.2	63.6	1	34.0-149			14.1	28
trans-1,3-Dichloropropene	5.00	ND	2.70	2.90	54.0	58.0	1	32.0-149			7.14	28
2,2-Dichloropropane	5.00	ND	3.24	3.81	64.8	76.2	1	24.0-152			16.2	29
Di-isopropyl ether	5.00	ND	3.64	4.18	72.8	83.6	1	21.0-160			13.8	28
Ethylbenzene	5.00	ND	2.55	2.90	51.0	58.0	1	30.0-155			12.8	27
Hexachloro-1,3-butadiene	5.00	ND	2.75	4.03	55.0	80.6	1	20.0-154		J3	37.8	34
Isopropylbenzene	5.00	ND	2.68	3.12	53.6	62.4	1	28.0-157			15.2	27
p-Isopropyltoluene	5.00	ND	2.83	3.44	56.6	68.8	1	30.0-154			19.5	29
2-Butanone (MEK)	25.0	ND	18.8	22.3	75.2	89.2	1	10.0-160			17.0	32
Methylene Chloride	5.00	ND	ND	ND	54.0	62.6	1	23.0-144			14.8	28
4-Methyl-2-pentanone (MIBK)	25.0	ND	17.5	19.9	70.0	79.6	1	29.0-160			12.8	29
Methyl tert-butyl ether	5.00	ND	3.89	4.51	77.8	90.2	1	28.0-150			14.8	29
Naphthalene	5.00	ND	ND	ND	23.8	44.4	1	12.0-156		J3	60.4	35
n-Propylbenzene	5.00	ND	3.05	3.58	61.0	71.6	1	31.0-154			16.0	28

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

L1857698-05 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1857698-05 05/11/25 20:11 • (MS) R4213113-3 05/11/25 21:59 • (MSD) R4213113-4 05/11/25 22:21

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Styrene	5.00	ND	2.34	2.52	46.8	50.4	1	33.0-155			7.41	28
1,1,1,2-Tetrachloroethane	5.00	ND	2.88	3.51	57.6	70.2	1	36.0-151			19.7	29
1,1,2,2-Tetrachloroethane	5.00	ND	3.74	4.61	74.8	92.2	1	33.0-150			20.8	28
1,1,2-Trichlorotrifluoroethane	5.00	ND	2.82	3.08	56.4	61.6	1	23.0-160			8.81	30
Tetrachloroethene	5.00	ND	2.07	2.49	41.4	49.8	1	10.0-160			18.4	27
Toluene	5.00	ND	2.40	2.75	48.0	55.0	1	26.0-154			13.6	28
1,2,3-Trichlorobenzene	5.00	ND	2.36	3.02	47.2	60.4	1	17.0-150			24.5	36
1,2,4-Trichlorobenzene	5.00	ND	2.37	2.96	47.4	59.2	1	24.0-150			22.1	33
1,1,1-Trichloroethane	5.00	ND	3.39	4.03	67.8	80.6	1	23.0-160			17.3	28
1,1,2-Trichloroethane	5.00	ND	3.28	3.61	65.6	72.2	1	35.0-147			9.58	27
Trichloroethene	5.00	ND	2.59	3.13	51.8	62.6	1	10.0-160			18.9	25
Trichlorofluoromethane	5.00	ND	ND	ND	52.4	58.6	1	17.0-160			11.2	31
1,2,3-Trichloropropane	5.00	ND	3.91	4.26	78.2	85.2	1	34.0-151			8.57	29
1,2,4-Trimethylbenzene	5.00	ND	2.82	3.38	56.4	67.6	1	26.0-154			18.1	27
1,2,3-Trimethylbenzene	5.00	ND	3.13	3.69	62.6	73.8	1	32.0-149			16.4	28
1,3,5-Trimethylbenzene	5.00	ND	3.00	3.63	60.0	72.6	1	28.0-153			19.0	27
Vinyl chloride	5.00	ND	1.81	2.16	36.2	43.2	1	10.0-160			17.6	27
Xylenes, Total	15.0	ND	7.27	8.32	48.5	55.5	1	29.0-154			13.5	28
(S) Toluene-d8					91.2	88.3		80.0-120				
(S) 4-Bromofluorobenzene					93.5	91.0		77.0-126				
(S) 1,2-Dichloroethane-d4					108	103		70.0-130				

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4213092-3 05/11/25 11:19

Analyte	MB Result ug/kg	MB Qualifier	MB MDL ug/kg	MB RDL ug/kg
Acetone	U		36.5	50.0
Acrylonitrile	U		3.61	12.5
Bromobenzene	U		0.900	12.5
Bromodichloromethane	U		0.725	2.50
Bromoform	U		1.17	25.0
Bromomethane	U		1.97	12.5
n-Butylbenzene	U		5.25	12.5
sec-Butylbenzene	U		2.88	12.5
tert-Butylbenzene	U		1.95	5.00
Carbon tetrachloride	U		0.898	5.00
Chlorobenzene	U		0.210	2.50
Chlorodibromomethane	U		0.612	2.50
Chloroethane	U		1.70	5.00
Chloroform	U		1.03	2.50
Chloromethane	U		4.35	12.5
2-Chlorotoluene	U		0.865	2.50
4-Chlorotoluene	U		0.450	5.00
1,2-Dibromo-3-Chloropropane	U		3.90	25.0
1,2-Dibromoethane	U		0.648	2.50
Dibromomethane	U		0.750	5.00
1,2-Dichlorobenzene	U		0.425	5.00
1,3-Dichlorobenzene	U		0.600	5.00
1,4-Dichlorobenzene	U		0.700	5.00
Dichlorodifluoromethane	U		1.61	5.00
1,1-Dichloroethane	U		0.491	2.50
1,2-Dichloroethane	U		0.649	2.50
1,1-Dichloroethene	U		0.606	2.50
cis-1,2-Dichloroethene	U		0.734	2.50
trans-1,2-Dichloroethene	U		1.04	5.00
1,2-Dichloropropane	U		1.42	5.00
1,1-Dichloropropene	U		0.809	2.50
1,3-Dichloropropane	U		0.501	5.00
cis-1,3-Dichloropropene	U		0.757	2.50
trans-1,3-Dichloropropene	U		1.14	5.00
2,2-Dichloropropane	U		1.38	2.50
Di-isopropyl ether	U		0.410	1.00
Hexachloro-1,3-butadiene	U		6.00	25.0
Isopropylbenzene	U		0.425	2.50
p-Isopropyltoluene	U		2.55	5.00
2-Butanone (MEK)	U		63.5	100

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Cp

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Tc

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Ss

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Sc

Method Blank (MB)

(MB) R4213092-3 05/11/25 11:19

Analyte	MB Result ug/kg	MB Qualifier	MB MDL ug/kg	MB RDL ug/kg
Methylene Chloride	U		6.64	25.0
4-Methyl-2-pentanone (MIBK)	U		2.28	25.0
Methyl tert-butyl ether	U		0.350	1.00
n-Propylbenzene	U		0.950	5.00
Styrene	U		0.229	12.5
1,1,1,2-Tetrachloroethane	U		0.948	2.50
1,1,2,2-Tetrachloroethane	U		0.695	2.50
1,1,2-Trichlorotrifluoroethane	U		0.754	2.50
Tetrachloroethene	U		0.896	2.50
1,2,3-Trichlorobenzene	U		7.33	12.5
1,2,4-Trichlorobenzene	U		4.40	12.5
1,1,1-Trichloroethane	U		0.923	2.50
1,1,2-Trichloroethane	U		0.597	2.50
Trichloroethene	U		0.584	1.00
Trichlorofluoromethane	U		0.827	2.50
1,2,3-Trichloropropane	U		1.62	12.5
1,2,3-Trimethylbenzene	U		1.58	5.00
Vinyl chloride	U		1.16	2.50
(S) Toluene-d8	120			75.0-131
(S) 4-Bromofluorobenzene	86.4			67.0-138
(S) 1,2-Dichloroethane-d4	87.2			70.0-130

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4213092-1 05/11/25 09:40 • (LCSD) R4213092-2 05/11/25 10:00

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCSD Result ug/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	625	475	473	76.0	75.7	10.0-160			0.422	31
Acrylonitrile	625	659	669	105	107	45.0-153			1.51	22
Bromobenzene	125	114	121	91.2	96.8	73.0-121			5.96	20
Bromodichloromethane	125	120	121	96.0	96.8	73.0-121			0.830	20
Bromoform	125	111	112	88.8	89.6	64.0-132			0.897	20
Bromomethane	125	82.0	76.7	65.6	61.4	56.0-147			6.68	20
n-Butylbenzene	125	122	124	97.6	99.2	68.0-135			1.63	20
sec-Butylbenzene	125	119	122	95.2	97.6	74.0-130			2.49	20
tert-Butylbenzene	125	112	117	89.6	93.6	75.0-127			4.37	20
Carbon tetrachloride	125	107	104	85.6	83.2	66.0-128			2.84	20
Chlorobenzene	125	135	134	108	107	76.0-128			0.743	20
Chlorodibromomethane	125	136	136	109	109	74.0-127			0.000	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4213092-1 05/11/25 09:40 • (LCSD) R4213092-2 05/11/25 10:00

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCSD Result ug/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Chloroethane	125	76.4	74.1	61.1	59.3	61.0-134		J4	3.06	20
Chloroform	125	103	104	82.4	83.2	72.0-123			0.966	20
Chloromethane	125	110	104	88.0	83.2	51.0-138			5.61	20
2-Chlorotoluene	125	119	124	95.2	99.2	75.0-124			4.12	20
4-Chlorotoluene	125	111	116	88.8	92.8	75.0-124			4.41	20
1,2-Dibromo-3-Chloropropane	125	102	121	81.6	96.8	59.0-130			17.0	20
1,2-Dibromoethane	125	137	135	110	108	74.0-128			1.47	20
Dibromomethane	125	111	114	88.8	91.2	75.0-122			2.67	20
1,2-Dichlorobenzene	125	135	144	108	115	76.0-124			6.45	20
1,3-Dichlorobenzene	125	127	132	102	106	76.0-125			3.86	20
1,4-Dichlorobenzene	125	129	131	103	105	77.0-121			1.54	20
Dichlorodifluoromethane	125	103	99.8	82.4	79.8	43.0-156			3.16	20
1,1-Dichloroethane	125	121	123	96.8	98.4	70.0-127			1.64	20
1,2-Dichloroethane	125	113	115	90.4	92.0	65.0-131			1.75	20
1,1-Dichloroethene	125	109	104	87.2	83.2	65.0-131			4.69	20
cis-1,2-Dichloroethene	125	105	105	84.0	84.0	73.0-125			0.000	20
trans-1,2-Dichloroethene	125	99.3	98.0	79.4	78.4	71.0-125			1.32	20
1,2-Dichloropropane	125	136	137	109	110	74.0-125			0.733	20
1,1-Dichloropropene	125	112	110	89.6	88.0	73.0-125			1.80	20
1,3-Dichloropropane	125	141	141	113	113	80.0-125			0.000	20
cis-1,3-Dichloropropene	125	117	119	93.6	95.2	76.0-127			1.69	20
trans-1,3-Dichloropropene	125	141	137	113	110	73.0-127			2.88	20
2,2-Dichloropropane	125	70.0	66.6	56.0	53.3	59.0-135	J4	J4	4.98	20
Di-isopropyl ether	125	144	146	115	117	60.0-136			1.38	20
Hexachloro-1,3-butadiene	125	107	109	85.6	87.2	57.0-150			1.85	20
Isopropylbenzene	125	119	119	95.2	95.2	72.0-127			0.000	20
p-Isopropyltoluene	125	125	127	100	102	72.0-133			1.59	20
2-Butanone (MEK)	625	835	852	134	136	30.0-160			2.02	24
Methylene Chloride	125	92.8	92.8	74.2	74.2	68.0-123			0.000	20
4-Methyl-2-pentanone (MIBK)	625	953	959	152	153	56.0-143	J4	J4	0.628	20
Methyl tert-butyl ether	125	99.7	104	79.8	83.2	66.0-132			4.22	20
n-Propylbenzene	125	124	126	99.2	101	74.0-126			1.60	20
Styrene	125	114	112	91.2	89.6	72.0-127			1.77	20
1,1,1,2-Tetrachloroethane	125	123	124	98.4	99.2	74.0-129			0.810	20
1,1,2,2-Tetrachloroethane	125	116	120	92.8	96.0	68.0-128			3.39	20
1,1,2-Trichlorotrifluoroethane	125	108	102	86.4	81.6	61.0-139			5.71	20
Tetrachloroethene	125	130	129	104	103	70.0-136			0.772	20
1,2,3-Trichlorobenzene	125	137	155	110	124	59.0-139			12.3	20
1,2,4-Trichlorobenzene	125	115	132	92.0	106	62.0-137			13.8	20
1,1,1-Trichloroethane	125	105	103	84.0	82.4	69.0-126			1.92	20

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Cp

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Tc

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Ss

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Cn

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Sr

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Gl

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Sc

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4213092-1 05/11/25 09:40 • (LCSD) R4213092-2 05/11/25 10:00

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCSD Result ug/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
1,1,2-Trichloroethane	125	146	145	117	116	78.0-123			0.687	20
Trichloroethene	125	130	127	104	102	76.0-126			2.33	20
Trichlorofluoromethane	125	101	104	80.8	83.2	61.0-142			2.93	20
1,2,3-Trichloropropane	125	115	121	92.0	96.8	67.0-129			5.08	20
1,2,3-Trimethylbenzene	125	121	124	96.8	99.2	74.0-124			2.45	20
Vinyl chloride	125	107	105	85.6	84.0	63.0-134			1.89	20
(S) Toluene-d8				116	115	75.0-131				
(S) 4-Bromofluorobenzene				86.0	83.9	67.0-138				
(S) 1,2-Dichloroethane-d4				92.4	91.4	70.0-130				

L1857695-05 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1857695-05 05/11/25 18:56 • (MS) R4213092-4 05/11/25 19:15 • (MSD) R4213092-5 05/11/25 19:35

Analyte	Spike Amount (dry) ug/kg	Original Result (dry) ug/kg	MS Result (dry) ug/kg	MSD Result (dry) ug/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Acetone	820	ND	180	206	21.9	25.1	1	10.0-160			13.6	40
Acrylonitrile	820	ND	561	786	68.5	95.8	1	10.0-160			33.3	40
Bromobenzene	164	ND	159	170	96.8	104	1	10.0-156			7.17	38
Bromodichloromethane	164	ND	152	164	92.8	100	1	10.0-143			7.47	37
Bromoform	164	ND	127	138	77.3	84.0	1	10.0-146			8.33	36
Bromomethane	164	ND	93.0	85.2	56.7	52.0	1	10.0-149			8.68	38
n-Butylbenzene	164	ND	184	195	112	119	1	10.0-160			6.23	40
sec-Butylbenzene	164	ND	180	188	110	114	1	10.0-159			4.29	39
tert-Butylbenzene	164	ND	167	173	102	106	1	10.0-156			3.86	39
Carbon tetrachloride	164	ND	152	155	92.8	94.4	1	10.0-145			1.71	37
Chlorobenzene	164	ND	182	186	111	114	1	10.0-152			2.14	39
Chlorodibromomethane	164	ND	165	172	101	105	1	10.0-146			3.89	37
Chloroethane	164	ND	82.1	78.7	50.1	48.0	1	10.0-146			4.24	40
Chloroform	164	ND	139	144	84.8	88.0	1	10.0-146			3.70	37
Chloromethane	164	ND	178	177	109	108	1	10.0-159			0.738	37
2-Chlorotoluene	164	ND	174	186	106	114	1	10.0-159			6.55	38
4-Chlorotoluene	164	ND	163	169	99.2	103	1	10.0-155			3.95	39
1,2-Dibromo-3-Chloropropane	164	ND	103	146	62.7	88.8	1	10.0-151			34.4	39
1,2-Dibromoethane	164	ND	164	173	100	106	1	10.0-148			5.45	34
Dibromomethane	164	ND	134	148	81.6	90.4	1	10.0-147			10.2	35
1,2-Dichlorobenzene	164	ND	184	203	112	124	1	10.0-155			10.2	37
1,3-Dichlorobenzene	164	ND	178	173	109	106	1	10.0-153			2.99	38
1,4-Dichlorobenzene	164	ND	173	184	106	112	1	10.0-151			5.88	38
Dichlorodifluoromethane	164	ND	142	144	86.4	88.0	1	10.0-160			1.83	35

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

L1857695-05 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1857695-05 05/11/25 18:56 • (MS) R4213092-4 05/11/25 19:15 • (MSD) R4213092-5 05/11/25 19:35

Analyte	Spike Amount (dry) ug/kg	Original Result (dry) ug/kg	MS Result (dry) ug/kg	MSD Result (dry) ug/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
1,1-Dichloroethane	164	ND	165	172	101	105	1	10.0-147			3.89	37
1,2-Dichloroethane	164	ND	128	146	78.0	88.8	1	10.0-148			12.9	35
1,1-Dichloroethene	164	ND	164	156	100	95.2	1	10.0-155			4.92	37
cis-1,2-Dichloroethene	164	ND	140	152	85.6	92.8	1	10.0-149			8.07	37
trans-1,2-Dichloroethene	164	ND	147	144	89.6	88.0	1	10.0-150			1.80	37
1,2-Dichloropropane	164	ND	178	189	109	115	1	10.0-148			5.71	37
1,1-Dichloropropene	164	ND	168	170	102	104	1	10.0-153			1.55	35
1,3-Dichloropropane	164	ND	181	186	110	114	1	10.0-154			2.86	35
cis-1,3-Dichloropropene	164	ND	156	168	95.2	102	1	10.0-151			7.29	37
trans-1,3-Dichloropropene	164	ND	177	180	108	110	1	10.0-148			1.47	37
2,2-Dichloropropane	164	ND	88.9	91.8	54.2	56.0	1	10.0-138			3.19	36
Di-isopropyl ether	164	ND	185	197	113	120	1	10.0-147			6.19	36
Hexachloro-1,3-butadiene	164	ND	156	190	95.2	116	1	10.0-160			19.7	40
Isopropylbenzene	164	ND	165	165	101	101	1	10.0-155			0.000	38
p-Isopropyltoluene	164	ND	188	193	114	118	1	10.0-160			2.76	40
2-Butanone (MEK)	820	ND	603	854	73.6	104	1	10.0-160			34.4	40
Methylene Chloride	164	ND	127	135	77.5	82.4	1	10.0-141			6.10	37
4-Methyl-2-pentanone (MIBK)	820	ND	929	1140	113	139	1	10.0-160			20.1	35
Methyl tert-butyl ether	164	ND	109	139	66.7	84.8	1	11.0-147			23.9	35
n-Propylbenzene	164	ND	184	186	112	114	1	10.0-158			1.42	38
Styrene	164	ND	150	155	91.2	94.4	1	10.0-160			3.45	40
1,1,1,2-Tetrachloroethane	164	ND	148	161	90.4	98.4	1	10.0-149			8.47	39
1,1,2,2-Tetrachloroethane	164	ND	106	163	64.9	99.2	1	10.0-160	J3		41.8	35
1,1,2-Trichlorotrifluoroethane	164	ND	170	165	104	101	1	10.0-160			3.12	36
Tetrachloroethene	164	ND	184	180	112	110	1	10.0-156			2.17	39
1,2,3-Trichlorobenzene	164	ND	173	245	106	150	1	10.0-160			34.5	40
1,2,4-Trichlorobenzene	164	ND	164	207	100	126	1	10.0-160			23.3	40
1,1,1-Trichloroethane	164	ND	148	150	90.4	91.2	1	10.0-144			0.881	35
1,1,2-Trichloroethane	164	ND	173	186	106	114	1	10.0-160			7.30	35
Trichloroethene	164	ND	205	184	125	112	1	10.0-156			10.8	38
Trichlorofluoromethane	164	ND	130	113	79.4	68.9	1	10.0-160			14.1	40
1,2,3-Trichloropropane	164	ND	131	161	79.8	98.4	1	10.0-156			20.9	35
1,2,3-Trimethylbenzene	164	ND	161	169	98.4	103	1	10.0-160			4.76	36
Vinyl chloride	164	ND	173	172	106	105	1	10.0-160			0.760	37
(S) Toluene-d8					118	115		75.0-131				
(S) 4-Bromofluorobenzene					85.2	79.7		67.0-138				
(S) 1,2-Dichloroethane-d4					84.9	93.6		70.0-130				

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4213126-2 05/11/25 16:52

Analyte	MB Result ug/kg	MB Qualifier	MB MDL ug/kg	MB RDL ug/kg
Acenaphthylene	U		4.69	33.3
Benzidine	U		62.6	1670
Benzo(g,h,i)perylene	U		6.09	33.3
Bis(2-chlorethoxy)methane	U		10.0	333
Bis(2-chloroethyl)ether	U		11.0	333
2,2-Oxybis(1-Chloropropane)	U		14.4	333
4-Bromophenyl-phenylether	U		11.7	333
2-Chloronaphthalene	U		5.85	33.3
4-Chlorophenyl-phenylether	U		11.6	333
1,2-Dichlorobenzene	U		9.87	333
1,3-Dichlorobenzene	U		10.1	333
1,4-Dichlorobenzene	U		9.91	333
3,3-Dichlorobenzidine	U		12.3	333
2,4-Dinitrotoluene	U		9.55	333
2,6-Dinitrotoluene	U		10.9	333
Hexachlorobenzene	U		11.8	333
Hexachloro-1,3-butadiene	U		11.2	333
Hexachlorocyclopentadiene	U		17.5	333
Hexachloroethane	U		13.1	333
Isophorone	U		10.2	333
Nitrobenzene	U		11.6	333
n-Nitrosodimethylamine	U		49.4	333
n-Nitrosodiphenylamine	U		25.2	333
n-Nitrosodi-n-propylamine	U		11.1	333
Phenanthrene	U		6.61	33.3
Benzylbutyl phthalate	U		10.4	333
Bis(2-ethylhexyl)phthalate	U		42.2	333
Di-n-butyl phthalate	U		11.4	333
Diethyl phthalate	U		11.0	333
Dimethyl phthalate	U		70.6	333
Di-n-octyl phthalate	U		22.5	333
1,2,4-Trichlorobenzene	U		10.4	333
4-Chloro-3-methylphenol	U		10.8	333
2-Chlorophenol	U		11.0	333
2,4-Dichlorophenol	U		9.70	333
2,4-Dimethylphenol	U		8.70	333
4,6-Dinitro-2-methylphenol	U		75.5	333
2,4-Dinitrophenol	U		77.9	333
2-Nitrophenol	U		11.9	333
4-Nitrophenol	U		10.4	333

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R4213126-2 05/11/25 16:52

Analyte	MB Result ug/kg	MB Qualifier	MB MDL ug/kg	MB RDL ug/kg
Pentachlorophenol	U		8.96	333
Phenol	U		13.4	333
2,4,6-Trichlorophenol	U		10.7	333
(S) 2-Fluorophenol	68.0			12.0-120
(S) Phenol-d5	61.3			10.0-120
(S) Nitrobenzene-d5	69.1			10.0-122
(S) 2-Fluorobiphenyl	67.0			15.0-120
(S) 2,4,6-Tribromophenol	89.8			10.0-127
(S) p-Terphenyl-d14	79.6			10.0-120

Laboratory Control Sample (LCS)

(LCS) R4213126-1 05/11/25 16:31

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acenaphthylene	666	570	85.6	40.0-120	
Benzidine	1330	524	39.4	10.0-120	
Benzo(g,h,i)perylene	666	416	62.5	43.0-120	
Bis(2-chlorethoxy)methane	666	353	53.0	20.0-120	
Bis(2-chloroethyl)ether	666	439	65.9	16.0-120	
2,2-Oxybis(1-Chloropropane)	666	540	81.1	23.0-120	
4-Bromophenyl-phenylether	666	564	84.7	40.0-120	
2-Chloronaphthalene	666	453	68.0	35.0-120	
4-Chlorophenyl-phenylether	666	522	78.4	40.0-120	
1,2-Dichlorobenzene	666	406	61.0	32.0-120	
1,3-Dichlorobenzene	666	427	64.1	30.0-120	
1,4-Dichlorobenzene	666	434	65.2	31.0-120	
3,3-Dichlorobenzidine	1330	1090	82.0	28.0-120	
2,4-Dinitrotoluene	666	613	92.0	45.0-120	
2,6-Dinitrotoluene	666	535	80.3	42.0-120	
Hexachlorobenzene	666	506	76.0	39.0-120	
Hexachloro-1,3-butadiene	666	342	51.4	15.0-120	
Hexachlorocyclopentadiene	666	268	40.2	15.0-120	
Hexachloroethane	666	448	67.3	17.0-120	
Isophorone	666	393	59.0	23.0-120	
Nitrobenzene	666	353	53.0	17.0-120	
n-Nitrosodimethylamine	666	797	120	10.0-125	
n-Nitrosodiphenylamine	666	540	81.1	40.0-120	
n-Nitrosodi-n-propylamine	666	468	70.3	26.0-120	

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Laboratory Control Sample (LCS)

(LCS) R4213126-1 05/11/25 16:31

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCS Rec. %	Rec. Limits %	<u>LCS Qualifier</u>
Phenanthrene	666	496	74.5	42.0-120	
Benzylbutyl phthalate	666	676	102	40.0-120	
Bis(2-ethylhexyl)phthalate	666	726	109	41.0-120	
Di-n-butyl phthalate	666	678	102	43.0-120	
Diethyl phthalate	666	614	92.2	43.0-120	
Dimethyl phthalate	666	546	82.0	43.0-120	
Di-n-octyl phthalate	666	631	94.7	40.0-120	
1,2,4-Trichlorobenzene	666	355	53.3	17.0-120	
4-Chloro-3-methylphenol	666	415	62.3	28.0-120	
2-Chlorophenol	666	433	65.0	28.0-120	
2,4-Dichlorophenol	666	401	60.2	25.0-120	
2,4-Dimethylphenol	666	363	54.5	15.0-120	
4,6-Dinitro-2-methylphenol	666	544	81.7	16.0-120	
2,4-Dinitrophenol	666	398	59.8	10.0-120	
2-Nitrophenol	666	407	61.1	20.0-120	
4-Nitrophenol	666	493	74.0	27.0-120	
Pentachlorophenol	666	413	62.0	29.0-120	
Phenol	666	442	66.4	28.0-120	
2,4,6-Trichlorophenol	666	481	72.2	37.0-120	
(S) 2-Fluorophenol			78.4	12.0-120	
(S) Phenol-d5			71.8	10.0-120	
(S) Nitrobenzene-d5			60.7	10.0-122	
(S) 2-Fluorobiphenyl			74.2	15.0-120	
(S) 2,4,6-Tribromophenol			99.8	10.0-127	
(S) p-Terphenyl-d14			80.2	10.0-120	

L1857695-05 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1857695-05 05/11/25 18:14 • (MS) R4213126-3 05/11/25 18:34 • (MSD) R4213126-4 05/11/25 18:55

Analyte	Spike Amount (dry) ug/kg	Original Result (dry) ug/kg	MS Result (dry) ug/kg	MSD Result (dry) ug/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	<u>MS Qualifier</u>	<u>MSD Qualifier</u>	RPD %	RPD Limits %
Acenaphthylene	753	ND	616	570	81.7	74.9	1	25.0-120			7.80	32
Benzidine	1500	ND	ND	ND	0.000	0.000	1	10.0-120	J6	J6	0.000	40
Benzo(g,h,i)perylene	753	ND	417	339	55.4	44.5	1	10.0-120			20.8	33
Bis(2-chlorethoxy)methane	753	ND	ND	ND	50.9	45.9	1	10.0-120			9.46	34
Bis(2-chloroethyl)ether	753	ND	507	ND	67.3	50.2	1	10.0-120			28.3	40
2,2-Oxybis(1-Chloropropane)	753	ND	580	540	77.0	71.0	1	10.0-120			7.22	40
4-Bromophenyl-phenylether	753	ND	600	561	79.6	73.7	1	27.0-120			6.77	30
2-Chloronaphthalene	753	ND	498	456	66.1	60.0	1	20.0-120			8.72	32

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

L1857695-05 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1857695-05 05/11/25 18:14 • (MS) R4213126-3 05/11/25 18:34 • (MSD) R4213126-4 05/11/25 18:55

Analyte	Spike Amount (dry) ug/kg	Original Result (dry) ug/kg	MS Result (dry) ug/kg	MSD Result (dry) ug/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
4-Chlorophenyl-phenylether	753	ND	561	536	74.4	70.5	1	24.0-120			4.43	29
1,2-Dichlorobenzene	753	ND	443	406	58.7	53.3	1	10.0-120			8.72	38
1,3-Dichlorobenzene	753	ND	414	392	54.9	51.5	1	10.0-120			5.45	40
1,4-Dichlorobenzene	753	ND	438	423	58.1	55.6	1	10.0-120			3.49	39
3,3-Dichlorobenzidine	1500	ND	810	866	53.9	56.7	1	10.0-120			6.62	34
2,4-Dinitrotoluene	753	ND	649	596	86.2	78.4	1	30.0-120			8.53	31
2,6-Dinitrotoluene	753	ND	549	517	72.9	67.9	1	25.0-120			6.07	31
Hexachlorobenzene	753	ND	565	548	75.0	72.0	1	27.0-120			3.12	28
Hexachloro-1,3-butadiene	753	ND	ND	ND	49.4	45.0	1	10.0-120			8.41	38
Hexachlorocyclopentadiene	753	ND	ND	ND	14.6	5.09	1	10.0-120	J3 J6		96.0	40
Hexachloroethane	753	ND	ND	ND	44.5	37.1	1	10.0-120			17.2	40
Isophorone	753	ND	423	396	56.1	52.1	1	13.0-120			6.49	34
Nitrobenzene	753	ND	416	ND	55.2	47.0	1	10.0-120			15.2	36
n-Nitrosodimethylamine	753	ND	690	615	91.6	80.9	1	10.0-127			11.5	40
n-Nitrosodiphenylamine	753	ND	567	525	75.3	69.0	1	17.0-120			7.83	29
n-Nitrosodi-n-propylamine	753	ND	525	490	69.6	64.4	1	10.0-120			6.83	37
Phenanthrene	753	ND	518	493	68.7	64.9	1	17.0-120			4.80	31
Benzylbutyl phthalate	753	ND	718	681	95.2	89.5	1	23.0-120			5.29	30
Bis(2-ethylhexyl)phthalate	753	ND	774	723	103	95.1	1	17.0-126			6.79	30
Di-n-butyl phthalate	753	ND	693	646	92.0	85.0	1	30.0-120			7.08	29
Diethyl phthalate	753	ND	649	581	86.2	76.4	1	26.0-120			11.1	28
Dimethyl phthalate	753	ND	586	552	77.8	72.6	1	25.0-120			5.89	29
Di-n-octyl phthalate	753	ND	704	645	93.4	84.8	1	21.0-123			8.74	29
1,2,4-Trichlorobenzene	753	ND	394	ND	52.3	48.8	1	12.0-120			6.04	37
4-Chloro-3-methylphenol	753	ND	445	422	59.0	55.5	1	15.0-120			5.33	30
2-Chlorophenol	753	ND	460	441	61.0	58.1	1	15.0-120			4.10	37
2,4-Dichlorophenol	753	ND	461	428	61.2	56.2	1	20.0-120			7.54	31
2,4-Dimethylphenol	753	ND	438	402	58.1	52.9	1	10.0-120			8.53	33
4,6-Dinitro-2-methylphenol	753	ND	601	522	79.8	68.7	1	10.0-120			14.0	39
2,4-Dinitrophenol	753	ND	458	389	60.7	51.2	1	10.0-121			16.1	40
2-Nitrophenol	753	ND	456	415	60.6	54.6	1	12.0-120			9.55	39
4-Nitrophenol	753	ND	648	641	86.0	84.3	1	10.0-137			1.08	32
Pentachlorophenol	753	ND	533	513	70.7	67.5	1	10.0-160			3.76	31
Phenol	753	ND	466	454	61.8	59.7	1	12.0-120			2.51	38
2,4,6-Trichlorophenol	753	ND	580	518	77.0	68.1	1	19.0-120			11.4	32
(S) 2-Fluorophenol					73.0	69.9		12.0-120				
(S) Phenol-d5					65.8	64.4		10.0-120				
(S) Nitrobenzene-d5					57.7	53.2		10.0-122				
(S) 2-Fluorobiphenyl					69.0	64.1		15.0-120				

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

L1857695-05 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1857695-05 05/11/25 18:14 • (MS) R4213126-3 05/11/25 18:34 • (MSD) R4213126-4 05/11/25 18:55

Analyte	Spike Amount (dry) ug/kg	Original Result (dry) ug/kg	MS Result (dry) ug/kg	MSD Result (dry) ug/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	<u>MS Qualifier</u>	<u>MSD Qualifier</u>	RPD %	RPD Limits %
(S) 2,4,6-Tribromophenol					103	95.4		10.0-127				
(S) p-Terphenyl-d14					71.2	67.2		10.0-120				

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

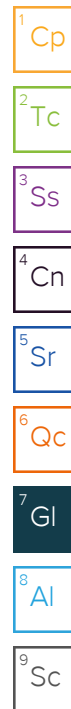
The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

(dry)	Results are reported based on the dry weight of the sample. [this will only be present on a dry report basis for soils].
MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
RDL (dry)	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
C3	The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Method sensitivity check is acceptable.
C7	The initial calibration verification standard (SSCV) associated with this data responded high.
E	The analyte concentration exceeds the upper limit of the calibration range of the instrument established by the initial calibration (ICAL).
J3	The associated batch QC was outside the established quality control range for precision.
J4	The associated batch QC was outside the established quality control range for accuracy.
J5	The sample matrix interfered with the ability to make any accurate determination; spike value is high.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low.



GLOSSARY OF TERMS

Qualifier	Description
O1	The analyte failed the method required serial dilution test and/or subsequent post-spike criteria. These failures indicate matrix interference.
V	The sample concentration is too high to evaluate accurate spike recoveries.

¹Cp

²Tc

³Ss

⁴Cn

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⁶Qc

⁷Gl

⁸Al

⁹Sc

ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey--NELAP	TN002
California	2932	New Mexico ¹	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina ¹	DW21704
Georgia	NELAP	North Carolina ³	41
Georgia ¹	923	North Dakota	R-140
Idaho	TN00003	Ohio--VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky ^{1 6}	KY90010	South Carolina	84004002
Kentucky ²	16	South Dakota	n/a
Louisiana	AI30792	Tennessee ^{1 4}	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas ⁵	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA -- ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA -- ISO 17025 ⁵	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA--Crypto	TN00003		

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ⁶ Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.


* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.



Pace® Location Requested (City/State): Pace National, 12065 Lebanon Road, Mt. Juliet, TN 37122		CHAIN-OF-CUSTODY Analytical Request Document		LAB USE ONLY - Affix Workorder/Login Label Here	
Company Name: CTEH, LLC Street Address: 5120 North Shore Drive, North Little Rock, AR 72118		Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields Contact/Report To: Chevron-Bishop, Kyle Lawrence, Tami McMullin, Andy Henault, Eric Catlin, Madelyn Klinkerman Phone #: Email: chevron_bishop@cteh.com; kylelawrence@cteh.com; tmcnullin@cteh.com; ahenault@cteh.com Cc E-Mail: ecattlin@cteh.com; mlinkerman@cteh.com		Scan QR Code for instructions	
Customer Project #: PROJ-054017 Project Name: Bishop LOC Site Collection Info/Facility ID (as applicable): Galeton, CO		Invoice to: CTEH Invoice E-mail: ctehap@montrose-env.com Purchase Order # (if applicable): Quote #:		Specify Container Size ** 8oz 8oz 8oz 8oz 6 Identify Container Preservative Type*** 1 1 1 1 4 Analysis Requested	
Time Zone Collected: [] AK [] PT [X] MT [] CT [] ET Data Deliverables: [X] Level II [] Level III [] Level IV [] EQUIS [] Other		County / State origin of sample(s): CO Regulatory Program (DW, RCRA, etc.) as applicable: Rush (Pre-approval required): [] Same Day [] 1 Day [] 2 Day [] 3 Day Other ASAP Date Results Requested: DW PWSID # or WW Permit # as applicable: Field Filtered (if applicable): [] Yes [] No Analysis:		** Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other *** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other	
* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SD), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)		Matrix * Composite Start Date Time Collected or Composite End Date Time # Cont. Residual Chlorine Result Units		VOCs 8260D SVOCs 8270E; Metals 6010D Total N/TKN/NH+NH3 EPA 351.2/5056A TOC Walkley Black VOCs 8260D	
Customer Sample ID		Matrix * Composite Start Date Time Collected or Composite End Date Time # Cont. Residual Chlorine Result Units		VOCs 8260D SVOCs 8270E; Metals 6010D Total N/TKN/NH+NH3 EPA 351.2/5056A TOC Walkley Black VOCs 8260D	
GACO0510T152S001		SS G - - 5/10/2025 0822 3 - -		X X X X -	
GACO0510T152S002		SS G - - 5/10/2025 0842 3 - -		X X X X -	
GACO0510T152S003		SS G - - 5/10/2025 0900 3 - -		X X X X -	
GACO0510T152T002		OT - - 5/10/2025 0700 2 - -		- - - - X	
Sample Receipt Checklist Seal Present/Intact: Y N Signed/Accurate: Y N Seals arrive intact: Y N All bottles used: Y N Correct volume sent: Y N Residual <0.5 mR/hr: Y N		If Applicable VOA Zero Headspace: Y N Pres. Correct/Check: Y N Condition: NCF OK		Lab Use Only Proj. Mgr: 546-Jared Starkey AcctNum / Client ID: CTEHER Table #: Profile / Template: T271979 Prelong / Bottle Ord. ID: Sample Comment	
Additional Instructions from Pace®: VOCs - full list minus BTEX, 1,2,4-TMB, 1,3,5-TMB; SVOCs - full list minus PAHs, 1-methylnaphthalene, 2-methylnaphthalene; Metals - TAL minus RCRA, Cu, Ni, Zn		Collected By: Printed Name Signature Daniel Crawford		Customer Remarks / Special Conditions / Possible Hazards: # Coolers: Thermometer ID: Correction Factor (°C): Obs. Temp. (°C): Corrected Temp. (°C): [] On Ice	
Relinquished by/Company: (Signature) Daniel Crawford / Montrose		Date/Time: 05/10/25 18:00		Received by/Company: (Signature) C. Roberts	
Relinquished by/Company: (Signature)		Date/Time:		Date/Time: 05/11/25 1030	
Relinquished by/Company: (Signature)		Date/Time:		Date/Time:	
Relinquished by/Company: (Signature)		Date/Time:		Date/Time:	
Page: 1 of 5		GACO0510T152S			

<div><div><div></div><div>Pace® Location Requested (City/State):</div></div><div>CHAIN-OF-CUSTODY Analytical Request Document</div></div> <div>Pace National, 12065 Lebanon Road, Mt. Juliet, TN 37122</div> <div>Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields</div>		<div>LAB USE ONLY - Affix Workorder/Login Label Here</div> <div><div></div><div>Scan QR Code for instructions</div></div> <div>U857695</div>																																																																			
<div>Company Name: CTEH, LLC</div> <div>Street Address: 5120 North Shore Drive, North Little Rock, AR 72118</div> <div>Customer Project #: PROJ-054017</div> <div>Project Name: Bishop LOC</div> <div>Site Collection Info/Facility ID (as applicable): Galeton, CO</div> <div>Time Zone Collected: [] AK [] PT [X] MT [] CT [] ET</div> <div>Data Deliverables: [X] Level II [] Level III [] Level IV [] EQUIS [] Other</div>		<div>Contact/Report To: Chevron-Bishop, Kyle Lawrence, Tami McMullin, Andy Henault, Eric Catlin, Madelyn Klinkerman</div> <div>Phone #:</div> <div>E-Mail: chevron_bishop@cteh.com; kylelawrence@cteh.com; tmcnullin@cteh.com; ahenault@cteh.com</div> <div>Cc E-Mail: ecatin@cteh.com; mlinkerman@cteh.com</div> <div>Invoice to: CTEH</div> <div>Invoice E-mail: ctehap@montrose-env.com</div> <div>Purchase Order # (if applicable):</div> <div>Quote #:</div> <div>County / State origin of sample(s): CO</div> <div>Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [] Yes [] No</div> <div>Rush (Pre-approval required): [] Same Day [] 1 Day [] 2 Day [] 3 Day Other ASAP</div> <div>Date Results Requested:</div> <div>DW PWSID # or WW Permit # as applicable:</div> <div>Field Filtered (if applicable): [] Yes [] No</div> <div>Analysis:</div>																																																																			
<div>* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)</div>		<div>Specify Container Size **</div> <div>8oz 8oz 8oz 8oz 6</div> <div>Identify Container Preservative Type***</div> <div>1 1 1 1 4</div> <div>Analysis Requested</div> <div>VOCs 8260D</div> <div>SVOCs 8270E; Metals 6010D</div> <div>Total N/TKN/NH+NH3 EPA 351.2/8056A</div> <div>TOC Walkley Black</div> <div>VOCs 8260D</div> <div>Proj. Mgr: 546-Jared Starkey</div> <div>AcctNum / Client ID: CTEHER</div> <div>Table #:</div> <div>Profile / Template: T271979</div> <div>Prelog / Bottle Ord. ID:</div> <div>Sample Comment</div> <div>Preservation Non-conformance identified for sample.</div>																																																																			
<table><thead><tr><th rowspan="2">Customer Sample ID</th><th rowspan="2">Matrix *</th><th rowspan="2">Comp / Grab</th><th colspan="2">Composite Start</th><th colspan="2">Collected or Composite End</th><th rowspan="2"># Cont.</th><th colspan="2">Residual Chlorine</th></tr><tr><th>Date</th><th>Time</th><th>Date</th><th>Time</th><th>Result</th><th>Units</th></tr></thead><tbody><tr><td>GAC00510T152S008</td><td>SS</td><td>G</td><td>-</td><td>-</td><td>5/10/2025</td><td>0810</td><td>3</td><td>-</td><td>-</td></tr><tr><td>GAC00510T152S009</td><td>SS</td><td>G</td><td>-</td><td>-</td><td>5/10/2025</td><td>0835</td><td>3</td><td>-</td><td>-</td></tr><tr><td>GAC00510T152C008</td><td>SS</td><td>G</td><td>-</td><td>-</td><td>5/10/2025</td><td>0810</td><td>3</td><td>-</td><td>-</td></tr><tr><td>GAC00510T152T007</td><td>OT</td><td>-</td><td>-</td><td>-</td><td>5/10/2025</td><td>0700</td><td>2</td><td>-</td><td>-</td></tr><tr><td colspan="10"><div>Additional Instructions from Pace*: VOCs - full list minus BTEX, 1,2,4-TMB, 1,3,5-TMB; SVOCs - full list minus PAHs, 1-methylnaphthalene, 2-methylnaphthalene; Metals - TAL minus RCRA, Cu, Ni, Zn</div></td></tr></tbody></table>		Customer Sample ID	Matrix *	Comp / Grab	Composite Start		Collected or Composite End		# Cont.	Residual Chlorine		Date	Time	Date	Time	Result	Units	GAC00510T152S008	SS	G	-	-	5/10/2025	0810	3	-	-	GAC00510T152S009	SS	G	-	-	5/10/2025	0835	3	-	-	GAC00510T152C008	SS	G	-	-	5/10/2025	0810	3	-	-	GAC00510T152T007	OT	-	-	-	5/10/2025	0700	2	-	-	<div>Additional Instructions from Pace*: VOCs - full list minus BTEX, 1,2,4-TMB, 1,3,5-TMB; SVOCs - full list minus PAHs, 1-methylnaphthalene, 2-methylnaphthalene; Metals - TAL minus RCRA, Cu, Ni, Zn</div>										<div>Collected By: Printed Name: M. Beck</div> <div>Signature: M. Beck</div> <div>Customer Remarks / Special Conditions / Possible Hazards:</div> <div># Coolers: Thermometer ID: Correction Factor (°C): Obs. Temp. (°C): Corrected Temp. (°C): [] On Ice</div>	
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GAC00510T152S

Pace® Location Requested (City/State): Pace National, 12065 Lebanon Road, Mt. Juliet, TN 37122		CHAIN-OF-CUSTODY Analytical Request Document <small>Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields</small>		<div>LAB USE ONLY-Affix Workorder/Login Label Here</div> <div> Scan QR Code for instructions</div> <div>U58571695</div>														
Company Name: CTEH, LLC Street Address: 5120 North Shore Drive, North Little Rock, AR 72118		Contact/Report To: Chevron-Bishop, Kyle Lawrence, Tami McMullin, Andy Henault, Eric Catlin, Madelyn Klinkerman Phone #: E-Mail: chevron_bishop@cteh.com; kyrelawrence@cteh.com; tmcnullin@cteh.com; ahenault@cteh.com Cc E-Mail: ecatin@cteh.com; mklinkerman@cteh.com																
Customer Project #: PROJ-054017 Project Name: Bishop LOC Site Collection Info/Facility ID (as applicable): Galeton, CO		Invoice to: CTEH Invoice E-mail: ctehap@montrose-env.com Purchase Order # (if applicable): Quote #:																
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				Date	Time	Date	Time		Result	Units	VOCs 8260D	SVOcs 8270E, Metals 6010D	Total N/TKN/N-NH3 EPA 361.2/6056A	TOC Walkley Black	VOCs 8260D	Proj. Mgr: 546-Jared Starkey AcctNum / Client ID: CTEHER Table #: Profile / Template: T271979 Prelog / Bottle Ord. ID:		
GAC00510T152S010		SS	G	-	-	5/10/2025	0830	3	-	-	X	X	X	X	-	-15		
GAC00510T152S011		SS	G	-	-	5/10/2025	0845	3	-	-	X	X	X	X	-	-16		
GAC00510T152S012		SS	G	-	-	5/10/2025	0855	3	-	-	X	X	X	X	-	-17		
GAC00510T152T009		OT	-	-	-	5/10/2025	0700	2	-	-	-	-	-	-	X	-18		
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Relinquished by/Company: (Signature) <i>Brett M. Murphy</i>		Date/Time: <i>5-10-25/1800</i>		Received by/Company: (Signature) <i>CRoberto</i>		Date/Time: <i>05-11-25 1030</i>		Tracking Number:										
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Relinquished by/Company: (Signature)		Date/Time:		Received by/Company: (Signature)		Date/Time:		Page: 5 of 5										

GAC00510T152S

Multiple Parcel Form

L#

1557695

Parcel Tracking Number	Infrared Thermometer ID	Temperature Reading (°C)	Correction Factor (°C)	Corrected Temperature (°C)	Custody Seal Intact
SWA 	HRA9	25	0.4	2.9	Yes / No / Not Present
	HRA9	4.0		4.4	Yes / No / Not Present
	HRA9	1.8		2.2	Yes / No / Not Present
	HRA9	1.4		1.8	Yes / No / Not Present
	HRA9	1.7		2.1	Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present

C. Roberts

Name

05-11-25

Date