

**Civitas - CO**

Sample Delivery Group: L1880841  
Samples Received: 07/22/2025  
Project Number: 09C2407088  
Description: Gordon 13-19

Report To: Civitas-Ensolum  
6855 W. 118th Ave  
Broomfield, CO 80020

Entire Report Reviewed By:





Mandi Edwards  
Project Manager

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**Pace Analytical National**

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# SAMPLE SUMMARY

## B01@10' L1880841-01

Collected by: Elio Garcia  
 Collected date/time: 07/21/25 08:53  
 Received date/time: 07/22/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2568446	1	07/30/25 11:13	07/30/25 11:13	JTM	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2566764	.996	07/31/25 10:00	08/08/25 21:28	ZBC	Las Vegas, NV
Wet Chemistry by Method 9045D (S-1.10)	WG2569575	1	07/30/25 14:04	07/31/25 14:07	BJM	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2569579	1	07/30/25 14:10	07/31/25 18:10	KRB	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2568454	1	07/29/25 13:01	07/29/25 19:11	RLS	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2566637	5	07/25/25 16:48	08/12/25 15:33	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2566181	25	07/24/25 01:16	07/25/25 09:29	CDD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2566099	1	07/24/25 01:16	07/24/25 17:04	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2568503	1	07/24/25 01:16	07/29/25 17:22	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2568047	1	07/29/25 10:44	07/29/25 19:41	MAA	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2568077	1	07/29/25 06:56	07/29/25 18:21	NJK	Mt. Juliet, TN



## B02@10' L1880841-02

Collected by: Elio Garcia  
 Collected date/time: 07/21/25 08:56  
 Received date/time: 07/22/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2568446	1	07/30/25 11:15	07/30/25 11:15	JTM	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2566764	.992	07/31/25 10:00	08/08/25 21:39	ZBC	Las Vegas, NV
Wet Chemistry by Method 9045D (S-1.10)	WG2569561	1	07/30/25 13:56	07/31/25 14:09	BJM	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2569566	1	07/30/25 14:00	08/01/25 16:00	KRB	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2568454	1	07/29/25 13:01	07/29/25 19:14	RLS	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2566637	5	07/25/25 16:48	08/12/25 15:36	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2566181	25	07/24/25 01:16	07/25/25 09:52	CDD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2566099	1	07/24/25 01:16	07/24/25 17:24	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2568503	1	07/24/25 01:16	07/29/25 17:42	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2568047	1	07/29/25 10:44	07/29/25 17:49	MAA	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2568077	1	07/29/25 06:56	07/29/25 18:39	NJK	Mt. Juliet, TN

## N01@8' L1880841-03

Collected by: Elio Garcia  
 Collected date/time: 07/21/25 08:59  
 Received date/time: 07/22/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2568446	1	07/30/25 11:17	07/30/25 11:17	JTM	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2566764	.984	07/31/25 10:00	08/08/25 21:50	ZBC	Las Vegas, NV
Wet Chemistry by Method 9045D (S-1.10)	WG2569593	1	07/30/25 14:25	07/31/25 10:31	KCB	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2569609	1	07/30/25 14:27	07/31/25 17:50	KRB	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2568454	1	07/29/25 13:01	07/29/25 19:17	RLS	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2566637	25	07/25/25 16:48	08/12/25 16:29	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2566637	5	07/25/25 16:48	08/12/25 15:39	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2566181	25	07/24/25 01:16	07/25/25 10:15	CDD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2566099	1	07/24/25 01:16	07/24/25 17:44	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2568503	1	07/24/25 01:16	07/29/25 18:03	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2568047	1	07/29/25 10:44	07/29/25 18:03	MAA	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2568077	1	07/29/25 06:56	07/29/25 18:57	NJK	Mt. Juliet, TN

## N02@8' L1880841-04

Collected by: Elio Garcia  
 Collected date/time: 07/21/25 09:02  
 Received date/time: 07/22/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2568446	1	07/30/25 11:18	07/30/25 11:18	JTM	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2566764	.977	07/31/25 10:00	08/08/25 22:00	ZBC	Las Vegas, NV
Wet Chemistry by Method 9045D (S-1.10)	WG2569586	1	07/30/25 14:12	07/31/25 14:57	BJM	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2569589	1	07/30/25 14:17	07/31/25 21:40	KRB	Mt. Juliet, TN

# SAMPLE SUMMARY

## N02@8' L1880841-04

Collected by: Elio Garcia  
 Collected date/time: 07/21/25 09:02  
 Received date/time: 07/22/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICP) by Method 6010D (S-7.10)	WG2568454	1	07/29/25 13:01	07/29/25 19:20	RLS	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2566637	5	07/25/25 16:48	08/12/25 15:42	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2566181	25	07/24/25 01:16	07/25/25 10:39	CDD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2566099	1	07/24/25 01:16	07/24/25 18:04	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2568503	1	07/24/25 01:16	07/29/25 18:23	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2568047	1	07/29/25 10:44	07/29/25 18:17	MAA	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2568077	1	07/29/25 06:56	07/29/25 19:14	NJK	Mt. Juliet, TN



## N03@8' L1880841-05

Collected by: Elio Garcia  
 Collected date/time: 07/21/25 09:05  
 Received date/time: 07/22/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2568446	1	07/30/25 11:20	07/30/25 11:20	JTM	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2566765	.988	08/04/25 13:00	08/08/25 15:18	ERP	Las Vegas, NV
Wet Chemistry by Method 9045D (S-1.10)	WG2569586	1	07/30/25 14:12	07/31/25 14:57	BJM	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2569589	1	07/30/25 14:17	07/31/25 21:40	KRB	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2568454	1	07/29/25 13:01	07/29/25 19:24	RLS	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2566637	5	07/25/25 16:48	08/12/25 15:46	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2566196	25	07/24/25 01:16	07/25/25 14:38	CDD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2566099	1	07/24/25 01:16	07/24/25 18:24	ADM	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2568047	1	07/29/25 10:44	07/29/25 18:31	MAA	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2568077	1	07/29/25 06:56	07/29/25 19:32	NJK	Mt. Juliet, TN

## E01@8' L1880841-06

Collected by: Elio Garcia  
 Collected date/time: 07/21/25 09:08  
 Received date/time: 07/22/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2568446	1	07/30/25 11:22	07/30/25 11:22	JTM	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2566765	.973	08/04/25 13:00	08/08/25 15:29	ERP	Las Vegas, NV
Wet Chemistry by Method 9045D (S-1.10)	WG2569575	1	07/30/25 14:04	07/31/25 14:07	BJM	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2569579	1	07/30/25 14:10	07/31/25 18:10	KRB	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2568454	1	07/29/25 13:01	07/29/25 19:27	RLS	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2566637	5	07/25/25 16:48	08/12/25 15:49	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2566196	25	07/24/25 01:16	07/25/25 15:01	CDD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2566099	1	07/24/25 01:16	07/24/25 18:44	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2568503	1	07/24/25 01:16	07/29/25 18:44	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2568047	1	07/29/25 10:44	07/29/25 18:17	MAA	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2568077	1	07/29/25 06:56	07/29/25 19:50	NJK	Mt. Juliet, TN

## S01@8' L1880841-07

Collected by: Elio Garcia  
 Collected date/time: 07/21/25 09:11  
 Received date/time: 07/22/25 08:00

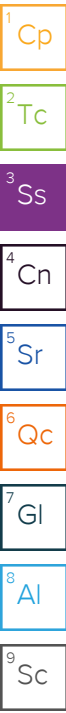
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2568446	1	07/30/25 11:23	07/30/25 11:23	JTM	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2566765	.98	08/04/25 13:00	08/08/25 15:40	ERP	Las Vegas, NV
Wet Chemistry by Method 7199	WG2568922	.0102	07/29/25 16:53	08/06/25 13:11	EKB	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2569575	1	07/30/25 14:04	07/31/25 14:07	BJM	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2569579	1	07/30/25 14:10	07/31/25 18:10	KRB	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2568454	1	07/29/25 13:01	07/29/25 19:30	RLS	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2566637	5	07/25/25 16:48	08/12/25 16:06	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2566196	25	07/24/25 01:16	07/25/25 15:24	CDD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2566099	1	07/24/25 01:16	07/24/25 19:05	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2568503	1	07/24/25 01:16	07/29/25 19:04	ACG	Mt. Juliet, TN

# SAMPLE SUMMARY

## S01@8' L1880841-07

Collected by: Elio Garcia  
 Collected date/time: 07/21/25 09:11  
 Received date/time: 07/22/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2568047	1	07/29/25 10:44	07/29/25 18:31	MAA	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2568077	1	07/29/25 06:56	07/29/25 20:07	NJK	Mt. Juliet, TN



## S02@8' L1880841-08

Collected by: Elio Garcia  
 Collected date/time: 07/21/25 09:14  
 Received date/time: 07/22/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2568446	1	07/30/25 11:25	07/30/25 11:25	JTM	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2566765	.962	08/04/25 13:00	08/08/25 15:51	ERP	Las Vegas, NV
Wet Chemistry by Method 9045D (S-1.10)	WG2569586	1	07/30/25 14:12	07/31/25 14:57	BJM	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2569589	1	07/30/25 14:17	07/31/25 21:40	KRB	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2568454	1	07/29/25 13:01	07/29/25 19:33	RLS	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2566637	5	07/25/25 16:48	08/12/25 16:10	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2566196	25	07/24/25 01:16	07/25/25 15:46	CDD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2566099	1	07/24/25 01:16	07/24/25 19:25	ADM	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2568047	1	07/29/25 10:44	07/29/25 18:45	MAA	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2568077	1	07/29/25 06:56	07/29/25 20:25	NJK	Mt. Juliet, TN

## S03@8' L1880841-09

Collected by: Elio Garcia  
 Collected date/time: 07/21/25 09:17  
 Received date/time: 07/22/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2568446	1	07/30/25 11:27	07/30/25 11:27	JTM	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2566765	.996	08/04/25 13:00	08/08/25 16:23	ERP	Las Vegas, NV
Wet Chemistry by Method 9045D (S-1.10)	WG2569586	1	07/30/25 14:12	07/31/25 14:57	BJM	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2569589	1	07/30/25 14:17	07/31/25 21:40	KRB	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2568454	1	07/29/25 13:01	07/29/25 20:07	RLS	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2566637	5	07/25/25 16:48	08/12/25 16:13	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2566196	25	07/24/25 01:16	07/25/25 16:09	CDD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2566099	1	07/24/25 01:16	07/24/25 19:45	ADM	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2568047	1	07/29/25 10:44	07/29/25 18:45	MAA	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2568077	1	07/29/25 06:56	07/29/25 20:43	NJK	Mt. Juliet, TN

## W01@8' L1880841-10

Collected by: Elio Garcia  
 Collected date/time: 07/21/25 09:20  
 Received date/time: 07/22/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2568446	1	07/30/25 10:43	07/30/25 10:43	JTM	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2566765	.965	08/04/25 13:00	08/08/25 16:34	ERP	Las Vegas, NV
Wet Chemistry by Method 9045D (S-1.10)	WG2569593	1	07/30/25 14:25	07/31/25 10:31	KCB	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2569609	1	07/30/25 14:27	07/31/25 17:50	KRB	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2568454	1	07/29/25 13:01	07/29/25 20:10	RLS	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2566637	5	07/25/25 16:48	08/12/25 14:47	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2566196	25	07/24/25 01:16	07/25/25 16:32	CDD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2566099	1	07/24/25 01:16	07/24/25 20:05	ADM	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2568047	1	07/29/25 10:44	07/29/25 18:59	MAA	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2568077	1	07/29/25 06:56	07/29/25 21:00	NJK	Mt. Juliet, TN

# CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. 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.



Mandi Edwards  
Project Manager

<sup>1</sup> Cp

<sup>2</sup> Tc

<sup>3</sup> Ss

<sup>4</sup> Cn

<sup>5</sup> Sr

<sup>6</sup> Qc

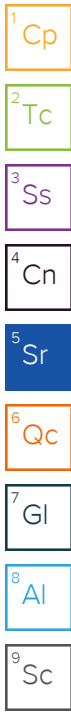
<sup>7</sup> Gl

<sup>8</sup> Al

<sup>9</sup> Sc

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	10.3		1	07/30/2025 11:13	WG2568446



Wet Chemistry by Method 7199

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.199	0.199	.996	08/08/2025 21:28	<a href="#">WG2566764</a>

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
pH	8.66		1	07/31/2025 14:07	<a href="#">WG2569575</a>

Sample Narrative:

L1880841-01 WG2569575: 8.66 at 21.9C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	698	umhos/cm		10.0	1	07/31/2025 18:10	<a href="#">WG2569579</a>

Sample Narrative:

L1880841-01 WG2569579: at 25C

Metals (ICP) by Method 6010D (S-7.10)

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	0.134		0.0199	0.100	1	07/29/2025 19:11	<a href="#">WG2568454</a>

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Arsenic	2.63		0.100	0.100	5	08/12/2025 15:33	<a href="#">WG2566637</a>
Barium	26.3		10.0	10.0	5	08/12/2025 15:33	<a href="#">WG2566637</a>
Cadmium	0.124		0.100	0.100	5	08/12/2025 15:33	<a href="#">WG2566637</a>
Copper	10.5		10.0	10.0	5	08/12/2025 15:33	<a href="#">WG2566637</a>
Lead	ND		10.0	10.0	5	08/12/2025 15:33	<a href="#">WG2566637</a>
Nickel	ND		10.0	10.0	5	08/12/2025 15:33	<a href="#">WG2566637</a>
Selenium	1.74		0.100	0.100	5	08/12/2025 15:33	<a href="#">WG2566637</a>
Silver	ND		0.500	0.500	5	08/12/2025 15:33	<a href="#">WG2566637</a>
Zinc	53.7		50.0	50.0	5	08/12/2025 15:33	<a href="#">WG2566637</a>

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		2.00	2.50	25	07/25/2025 09:29	<a href="#">WG2566181</a>
(S) a,a,a-Trifluorotoluene(FID)	99.6			77.0-120		07/25/2025 09:29	<a href="#">WG2566181</a>

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	ND		0.00100	0.00100	1	07/29/2025 17:22	<a href="#">WG2568503</a>
Ethylbenzene	ND		0.0100	0.0100	1	07/24/2025 17:04	<a href="#">WG2566099</a>
Toluene	ND		0.0100	0.0100	1	07/24/2025 17:04	<a href="#">WG2566099</a>
1,2,4-Trimethylbenzene	ND		0.00500	0.00500	1	07/24/2025 17:04	<a href="#">WG2566099</a>
1,3,5-Trimethylbenzene	ND		0.00500	0.00500	1	07/24/2025 17:04	<a href="#">WG2566099</a>
Xylenes, Total	ND		0.100	0.100	1	07/24/2025 17:04	<a href="#">WG2566099</a>
(S) Toluene-d8	94.9			75.0-131		07/24/2025 17:04	<a href="#">WG2566099</a>
(S) Toluene-d8	99.6			75.0-131		07/29/2025 17:22	<a href="#">WG2568503</a>
(S) 4-Bromofluorobenzene	104			67.0-138		07/24/2025 17:04	<a href="#">WG2566099</a>
(S) 4-Bromofluorobenzene	94.7			67.0-138		07/29/2025 17:22	<a href="#">WG2568503</a>
(S) 1,2-Dichloroethane-d4	105			70.0-130		07/24/2025 17:04	<a href="#">WG2566099</a>
(S) 1,2-Dichloroethane-d4	97.8			70.0-130		07/29/2025 17:22	<a href="#">WG2568503</a>

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

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	1.68	J	1.61	4.00	1	07/29/2025 19:41	<a href="#">WG2568047</a>
C28-C36 Motor Oil Range	1.45	B J	0.274	4.00	1	07/29/2025 19:41	<a href="#">WG2568047</a>
(S) o-Terphenyl	58.8			18.0-148		07/29/2025 19:41	<a href="#">WG2568047</a>

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acenaphthene	ND		0.0330	0.0330	1	07/29/2025 18:21	<a href="#">WG2568077</a>
Anthracene	ND		0.0330	0.0330	1	07/29/2025 18:21	<a href="#">WG2568077</a>
Benzo(a)anthracene	ND		0.00600	0.00600	1	07/29/2025 18:21	<a href="#">WG2568077</a>
Benzo(b)fluoranthene	ND		0.0330	0.0330	1	07/29/2025 18:21	<a href="#">WG2568077</a>
Benzo(k)fluoranthene	ND		0.0330	0.0330	1	07/29/2025 18:21	<a href="#">WG2568077</a>
Benzo(a)pyrene	ND		0.0330	0.0330	1	07/29/2025 18:21	<a href="#">WG2568077</a>
Chrysene	ND		0.0330	0.0330	1	07/29/2025 18:21	<a href="#">WG2568077</a>
Dibenz(a,h)anthracene	ND		0.0330	0.0330	1	07/29/2025 18:21	<a href="#">WG2568077</a>
Fluoranthene	ND		0.0330	0.0330	1	07/29/2025 18:21	<a href="#">WG2568077</a>
Fluorene	ND		0.0330	0.0330	1	07/29/2025 18:21	<a href="#">WG2568077</a>
Indeno(1,2,3-cd)pyrene	ND		0.0330	0.0330	1	07/29/2025 18:21	<a href="#">WG2568077</a>
1-Methylnaphthalene	ND		0.00300	0.00300	1	07/29/2025 18:21	<a href="#">WG2568077</a>
2-Methylnaphthalene	ND		0.0120	0.0120	1	07/29/2025 18:21	<a href="#">WG2568077</a>
Naphthalene	0.00556		0.00300	0.00300	1	07/29/2025 18:21	<a href="#">WG2568077</a>
Pyrene	ND		0.0330	0.0330	1	07/29/2025 18:21	<a href="#">WG2568077</a>
(S) p-Terphenyl-d14	87.1			23.0-120		07/29/2025 18:21	<a href="#">WG2568077</a>
(S) Nitrobenzene-d5	75.9			14.0-149		07/29/2025 18:21	<a href="#">WG2568077</a>
(S) 2-Fluorobiphenyl	89.5			34.0-125		07/29/2025 18:21	<a href="#">WG2568077</a>

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	20.5		1	07/30/2025 11:15	WG2568446

Wet Chemistry by Method 7199

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.198	0.198	.992	08/08/2025 21:39	<a href="#">WG2566764</a>

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
pH	8.70		1	07/31/2025 14:09	<a href="#">WG2569561</a>

Sample Narrative:

L1880841-02 WG2569561: 8.7 at 21.7C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	845	umhos/cm		10.0	1	08/01/2025 16:00	<a href="#">WG2569566</a>

Sample Narrative:

L1880841-02 WG2569566: at 25C

Metals (ICP) by Method 6010D (S-7.10)

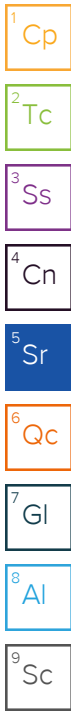
Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	0.110		0.0199	0.100	1	07/29/2025 19:14	<a href="#">WG2568454</a>

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Arsenic	2.47		0.100	0.100	5	08/12/2025 15:36	<a href="#">WG2566637</a>
Barium	154		10.0	10.0	5	08/12/2025 15:36	<a href="#">WG2566637</a>
Cadmium	0.137		0.100	0.100	5	08/12/2025 15:36	<a href="#">WG2566637</a>
Copper	10.0		10.0	10.0	5	08/12/2025 15:36	<a href="#">WG2566637</a>
Lead	10.8		10.0	10.0	5	08/12/2025 15:36	<a href="#">WG2566637</a>
Nickel	22.5		10.0	10.0	5	08/12/2025 15:36	<a href="#">WG2566637</a>
Selenium	0.816		0.100	0.100	5	08/12/2025 15:36	<a href="#">WG2566637</a>
Silver	ND		0.500	0.500	5	08/12/2025 15:36	<a href="#">WG2566637</a>
Zinc	60.0		50.0	50.0	5	08/12/2025 15:36	<a href="#">WG2566637</a>

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		2.00	2.50	25	07/25/2025 09:52	<a href="#">WG2566181</a>
(S) a,a,a-Trifluorotoluene(FID)	100			77.0-120		07/25/2025 09:52	<a href="#">WG2566181</a>



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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	ND		0.00100	0.00100	1	07/29/2025 17:42	<a href="#">WG2568503</a>
Ethylbenzene	ND		0.0100	0.0100	1	07/24/2025 17:24	<a href="#">WG2566099</a>
Toluene	ND		0.0100	0.0100	1	07/24/2025 17:24	<a href="#">WG2566099</a>
1,2,4-Trimethylbenzene	ND		0.00500	0.00500	1	07/24/2025 17:24	<a href="#">WG2566099</a>
1,3,5-Trimethylbenzene	ND		0.00500	0.00500	1	07/24/2025 17:24	<a href="#">WG2566099</a>
Xylenes, Total	ND		0.100	0.100	1	07/24/2025 17:24	<a href="#">WG2566099</a>
(S) Toluene-d8	95.5			75.0-131		07/24/2025 17:24	<a href="#">WG2566099</a>
(S) Toluene-d8	99.6			75.0-131		07/29/2025 17:42	<a href="#">WG2568503</a>
(S) 4-Bromofluorobenzene	100			67.0-138		07/24/2025 17:24	<a href="#">WG2566099</a>
(S) 4-Bromofluorobenzene	93.9			67.0-138		07/29/2025 17:42	<a href="#">WG2568503</a>
(S) 1,2-Dichloroethane-d4	104			70.0-130		07/24/2025 17:24	<a href="#">WG2566099</a>
(S) 1,2-Dichloroethane-d4	98.2			70.0-130		07/29/2025 17:42	<a href="#">WG2568503</a>

## Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	ND		1.61	4.00	1	07/29/2025 17:49	<a href="#">WG2568047</a>
C28-C36 Motor Oil Range	ND		0.274	4.00	1	07/29/2025 17:49	<a href="#">WG2568047</a>
(S) o-Terphenyl	65.4			18.0-148		07/29/2025 17:49	<a href="#">WG2568047</a>

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acenaphthene	ND		0.0330	0.0330	1	07/29/2025 18:39	<a href="#">WG2568077</a>
Anthracene	ND		0.0330	0.0330	1	07/29/2025 18:39	<a href="#">WG2568077</a>
Benzo(a)anthracene	ND		0.00600	0.00600	1	07/29/2025 18:39	<a href="#">WG2568077</a>
Benzo(b)fluoranthene	ND		0.0330	0.0330	1	07/29/2025 18:39	<a href="#">WG2568077</a>
Benzo(k)fluoranthene	ND		0.0330	0.0330	1	07/29/2025 18:39	<a href="#">WG2568077</a>
Benzo(a)pyrene	ND		0.0330	0.0330	1	07/29/2025 18:39	<a href="#">WG2568077</a>
Chrysene	ND		0.0330	0.0330	1	07/29/2025 18:39	<a href="#">WG2568077</a>
Dibenz(a,h)anthracene	ND		0.0330	0.0330	1	07/29/2025 18:39	<a href="#">WG2568077</a>
Fluoranthene	ND		0.0330	0.0330	1	07/29/2025 18:39	<a href="#">WG2568077</a>
Fluorene	ND		0.0330	0.0330	1	07/29/2025 18:39	<a href="#">WG2568077</a>
Indeno(1,2,3-cd)pyrene	ND		0.0330	0.0330	1	07/29/2025 18:39	<a href="#">WG2568077</a>
1-Methylnaphthalene	ND		0.00300	0.00300	1	07/29/2025 18:39	<a href="#">WG2568077</a>
2-Methylnaphthalene	ND		0.0120	0.0120	1	07/29/2025 18:39	<a href="#">WG2568077</a>
Naphthalene	ND		0.00300	0.00300	1	07/29/2025 18:39	<a href="#">WG2568077</a>
Pyrene	ND		0.0330	0.0330	1	07/29/2025 18:39	<a href="#">WG2568077</a>
(S) p-Terphenyl-d14	91.5			23.0-120		07/29/2025 18:39	<a href="#">WG2568077</a>
(S) Nitrobenzene-d5	74.5			14.0-149		07/29/2025 18:39	<a href="#">WG2568077</a>
(S) 2-Fluorobiphenyl	93.7			34.0-125		07/29/2025 18:39	<a href="#">WG2568077</a>

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	6.29		1	07/30/2025 11:17	WG2568446

Wet Chemistry by Method 7199

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.197	0.197	.984	08/08/2025 21:50	<a href="#">WG2566764</a>

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
pH	8.12		1	07/31/2025 10:31	<a href="#">WG2569593</a>

Sample Narrative:

L1880841-03 WG2569593: 8.12 at 21.1C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	2570	umhos/cm		10.0	1	07/31/2025 17:50	<a href="#">WG2569609</a>

Sample Narrative:

L1880841-03 WG2569609: at 25C

Metals (ICP) by Method 6010D (S-7.10)

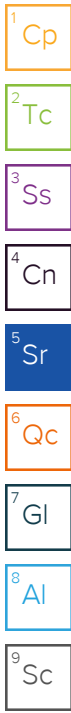
Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	0.0408	J	0.0199	0.100	1	07/29/2025 19:17	<a href="#">WG2568454</a>

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Arsenic	3.53		0.100	0.100	5	08/12/2025 15:39	<a href="#">WG2566637</a>
Barium	192		50.0	50.0	25	08/12/2025 16:29	<a href="#">WG2566637</a>
Cadmium	0.124		0.100	0.100	5	08/12/2025 15:39	<a href="#">WG2566637</a>
Copper	ND		10.0	10.0	5	08/12/2025 15:39	<a href="#">WG2566637</a>
Lead	ND		10.0	10.0	5	08/12/2025 15:39	<a href="#">WG2566637</a>
Nickel	ND		10.0	10.0	5	08/12/2025 15:39	<a href="#">WG2566637</a>
Selenium	0.664		0.100	0.100	5	08/12/2025 15:39	<a href="#">WG2566637</a>
Silver	ND		0.500	0.500	5	08/12/2025 15:39	<a href="#">WG2566637</a>
Zinc	ND		50.0	50.0	5	08/12/2025 15:39	<a href="#">WG2566637</a>

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		2.00	2.50	25	07/25/2025 10:15	<a href="#">WG2566181</a>
(S) a,a,a-Trifluorotoluene(FID)	99.8			77.0-120		07/25/2025 10:15	<a href="#">WG2566181</a>



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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	ND		0.00100	0.00100	1	07/29/2025 18:03	<a href="#">WG2568503</a>
Ethylbenzene	ND		0.0100	0.0100	1	07/24/2025 17:44	<a href="#">WG2566099</a>
Toluene	ND		0.0100	0.0100	1	07/24/2025 17:44	<a href="#">WG2566099</a>
1,2,4-Trimethylbenzene	ND		0.00500	0.00500	1	07/24/2025 17:44	<a href="#">WG2566099</a>
1,3,5-Trimethylbenzene	ND		0.00500	0.00500	1	07/24/2025 17:44	<a href="#">WG2566099</a>
Xylenes, Total	ND		0.100	0.100	1	07/24/2025 17:44	<a href="#">WG2566099</a>
(S) Toluene-d8	97.1			75.0-131		07/24/2025 17:44	<a href="#">WG2566099</a>
(S) Toluene-d8	97.5			75.0-131		07/29/2025 18:03	<a href="#">WG2568503</a>
(S) 4-Bromofluorobenzene	100			67.0-138		07/24/2025 17:44	<a href="#">WG2566099</a>
(S) 4-Bromofluorobenzene	102			67.0-138		07/29/2025 18:03	<a href="#">WG2568503</a>
(S) 1,2-Dichloroethane-d4	105			70.0-130		07/24/2025 17:44	<a href="#">WG2566099</a>
(S) 1,2-Dichloroethane-d4	101			70.0-130		07/29/2025 18:03	<a href="#">WG2568503</a>

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

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	2.03	J	1.61	4.00	1	07/29/2025 18:03	<a href="#">WG2568047</a>
C28-C36 Motor Oil Range	0.939	B J	0.274	4.00	1	07/29/2025 18:03	<a href="#">WG2568047</a>
(S) o-Terphenyl	69.5			18.0-148		07/29/2025 18:03	<a href="#">WG2568047</a>

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acenaphthene	ND		0.0330	0.0330	1	07/29/2025 18:57	<a href="#">WG2568077</a>
Anthracene	ND		0.0330	0.0330	1	07/29/2025 18:57	<a href="#">WG2568077</a>
Benzo(a)anthracene	ND		0.00600	0.00600	1	07/29/2025 18:57	<a href="#">WG2568077</a>
Benzo(b)fluoranthene	ND		0.0330	0.0330	1	07/29/2025 18:57	<a href="#">WG2568077</a>
Benzo(k)fluoranthene	ND		0.0330	0.0330	1	07/29/2025 18:57	<a href="#">WG2568077</a>
Benzo(a)pyrene	ND		0.0330	0.0330	1	07/29/2025 18:57	<a href="#">WG2568077</a>
Chrysene	ND		0.0330	0.0330	1	07/29/2025 18:57	<a href="#">WG2568077</a>
Dibenz(a,h)anthracene	ND		0.0330	0.0330	1	07/29/2025 18:57	<a href="#">WG2568077</a>
Fluoranthene	ND		0.0330	0.0330	1	07/29/2025 18:57	<a href="#">WG2568077</a>
Fluorene	ND		0.0330	0.0330	1	07/29/2025 18:57	<a href="#">WG2568077</a>
Indeno(1,2,3-cd)pyrene	ND		0.0330	0.0330	1	07/29/2025 18:57	<a href="#">WG2568077</a>
1-Methylnaphthalene	ND		0.00300	0.00300	1	07/29/2025 18:57	<a href="#">WG2568077</a>
2-Methylnaphthalene	ND		0.0120	0.0120	1	07/29/2025 18:57	<a href="#">WG2568077</a>
Naphthalene	ND		0.00300	0.00300	1	07/29/2025 18:57	<a href="#">WG2568077</a>
Pyrene	ND		0.0330	0.0330	1	07/29/2025 18:57	<a href="#">WG2568077</a>
(S) p-Terphenyl-d14	85.6			23.0-120		07/29/2025 18:57	<a href="#">WG2568077</a>
(S) Nitrobenzene-d5	80.7			14.0-149		07/29/2025 18:57	<a href="#">WG2568077</a>
(S) 2-Fluorobiphenyl	86.2			34.0-125		07/29/2025 18:57	<a href="#">WG2568077</a>

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	7.88		1	07/30/2025 11:18	WG2568446

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.195	0.195	.977	08/08/2025 22:00	<a href="#">WG2566764</a>

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.14		1	07/31/2025 14:57	<a href="#">WG2569586</a>

Sample Narrative:

L1880841-04 WG2569586: 8.14 at 21.7C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	2380	umhos/cm		10.0	1	07/31/2025 21:40	<a href="#">WG2569589</a>

Sample Narrative:

L1880841-04 WG2569589: at 25C

Metals (ICP) by Method 6010D (S-7.10)

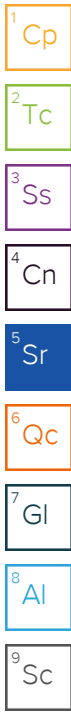
Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	0.0506	J	0.0199	0.100	1	07/29/2025 19:20	<a href="#">WG2568454</a>

Metals (ICPMS) by Method 6020B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	3.09		0.100	0.100	5	08/12/2025 15:42	<a href="#">WG2566637</a>
Barium	139		10.0	10.0	5	08/12/2025 15:42	<a href="#">WG2566637</a>
Cadmium	0.121		0.100	0.100	5	08/12/2025 15:42	<a href="#">WG2566637</a>
Copper	ND		10.0	10.0	5	08/12/2025 15:42	<a href="#">WG2566637</a>
Lead	ND		10.0	10.0	5	08/12/2025 15:42	<a href="#">WG2566637</a>
Nickel	10.2		10.0	10.0	5	08/12/2025 15:42	<a href="#">WG2566637</a>
Selenium	0.872		0.100	0.100	5	08/12/2025 15:42	<a href="#">WG2566637</a>
Silver	ND		0.500	0.500	5	08/12/2025 15:42	<a href="#">WG2566637</a>
Zinc	ND		50.0	50.0	5	08/12/2025 15:42	<a href="#">WG2566637</a>

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		2.00	2.50	25	07/25/2025 10:39	<a href="#">WG2566181</a>
(S) a,a,a-Trifluorotoluene(FID)	100			77.0-120		07/25/2025 10:39	<a href="#">WG2566181</a>



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

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	0.00100	1	07/29/2025 18:23	<a href="#">WG2568503</a>
Ethylbenzene	ND		0.0100	0.0100	1	07/24/2025 18:04	<a href="#">WG2566099</a>
Toluene	ND		0.0100	0.0100	1	07/24/2025 18:04	<a href="#">WG2566099</a>
1,2,4-Trimethylbenzene	ND		0.00500	0.00500	1	07/24/2025 18:04	<a href="#">WG2566099</a>
1,3,5-Trimethylbenzene	ND		0.00500	0.00500	1	07/24/2025 18:04	<a href="#">WG2566099</a>
Xylenes, Total	ND		0.100	0.100	1	07/24/2025 18:04	<a href="#">WG2566099</a>
(S) Toluene-d8	97.1			75.0-131		07/24/2025 18:04	<a href="#">WG2566099</a>
(S) Toluene-d8	99.5			75.0-131		07/29/2025 18:23	<a href="#">WG2568503</a>
(S) 4-Bromofluorobenzene	101			67.0-138		07/24/2025 18:04	<a href="#">WG2566099</a>
(S) 4-Bromofluorobenzene	104			67.0-138		07/29/2025 18:23	<a href="#">WG2568503</a>
(S) 1,2-Dichloroethane-d4	106			70.0-130		07/24/2025 18:04	<a href="#">WG2566099</a>
(S) 1,2-Dichloroethane-d4	96.8			70.0-130		07/29/2025 18:23	<a href="#">WG2568503</a>

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

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		1.61	4.00	1	07/29/2025 18:17	<a href="#">WG2568047</a>
C28-C36 Motor Oil Range	0.911	<u>B J</u>	0.274	4.00	1	07/29/2025 18:17	<a href="#">WG2568047</a>
(S) o-Terphenyl	58.9			18.0-148		07/29/2025 18:17	<a href="#">WG2568047</a>

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

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	ND		0.0330	0.0330	1	07/29/2025 19:14	<a href="#">WG2568077</a>
Anthracene	ND		0.0330	0.0330	1	07/29/2025 19:14	<a href="#">WG2568077</a>
Benzo(a)anthracene	ND		0.00600	0.00600	1	07/29/2025 19:14	<a href="#">WG2568077</a>
Benzo(b)fluoranthene	ND		0.0330	0.0330	1	07/29/2025 19:14	<a href="#">WG2568077</a>
Benzo(k)fluoranthene	ND		0.0330	0.0330	1	07/29/2025 19:14	<a href="#">WG2568077</a>
Benzo(a)pyrene	ND		0.0330	0.0330	1	07/29/2025 19:14	<a href="#">WG2568077</a>
Chrysene	ND		0.0330	0.0330	1	07/29/2025 19:14	<a href="#">WG2568077</a>
Dibenz(a,h)anthracene	ND		0.0330	0.0330	1	07/29/2025 19:14	<a href="#">WG2568077</a>
Fluoranthene	ND		0.0330	0.0330	1	07/29/2025 19:14	<a href="#">WG2568077</a>
Fluorene	ND		0.0330	0.0330	1	07/29/2025 19:14	<a href="#">WG2568077</a>
Indeno(1,2,3-cd)pyrene	ND		0.0330	0.0330	1	07/29/2025 19:14	<a href="#">WG2568077</a>
1-Methylnaphthalene	ND		0.00300	0.00300	1	07/29/2025 19:14	<a href="#">WG2568077</a>
2-Methylnaphthalene	ND		0.0120	0.0120	1	07/29/2025 19:14	<a href="#">WG2568077</a>
Naphthalene	ND		0.00300	0.00300	1	07/29/2025 19:14	<a href="#">WG2568077</a>
Pyrene	ND		0.0330	0.0330	1	07/29/2025 19:14	<a href="#">WG2568077</a>
(S) p-Terphenyl-d14	78.1			23.0-120		07/29/2025 19:14	<a href="#">WG2568077</a>
(S) Nitrobenzene-d5	65.5			14.0-149		07/29/2025 19:14	<a href="#">WG2568077</a>
(S) 2-Fluorobiphenyl	75.3			34.0-125		07/29/2025 19:14	<a href="#">WG2568077</a>

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	30.3		1	07/30/2025 11:20	WG2568446

Wet Chemistry by Method 7199

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.198	0.198	.988	08/08/2025 15:18	<a href="#">WG2566765</a>

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
pH	8.76		1	07/31/2025 14:57	<a href="#">WG2569586</a>

Sample Narrative:

L1880841-05 WG2569586: 8.76 at 21.8C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	2510	umhos/cm		10.0	1	07/31/2025 21:40	<a href="#">WG2569589</a>

Sample Narrative:

L1880841-05 WG2569589: at 25C

Metals (ICP) by Method 6010D (S-7.10)

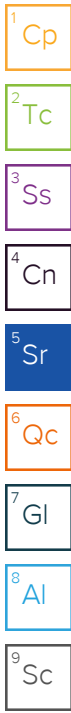
Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	0.126		0.0199	0.100	1	07/29/2025 19:24	<a href="#">WG2568454</a>

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Arsenic	4.18		0.100	0.100	5	08/12/2025 15:46	<a href="#">WG2566637</a>
Barium	126		10.0	10.0	5	08/12/2025 15:46	<a href="#">WG2566637</a>
Cadmium	0.110		0.100	0.100	5	08/12/2025 15:46	<a href="#">WG2566637</a>
Copper	ND		10.0	10.0	5	08/12/2025 15:46	<a href="#">WG2566637</a>
Lead	ND		10.0	10.0	5	08/12/2025 15:46	<a href="#">WG2566637</a>
Nickel	ND		10.0	10.0	5	08/12/2025 15:46	<a href="#">WG2566637</a>
Selenium	0.822		0.100	0.100	5	08/12/2025 15:46	<a href="#">WG2566637</a>
Silver	ND		0.500	0.500	5	08/12/2025 15:46	<a href="#">WG2566637</a>
Zinc	ND		50.0	50.0	5	08/12/2025 15:46	<a href="#">WG2566637</a>

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		2.00	2.50	25	07/25/2025 14:38	<a href="#">WG2566196</a>
(S) a,a,a-Trifluorotoluene(FID)	102			77.0-120		07/25/2025 14:38	<a href="#">WG2566196</a>



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

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	0.00100	1	07/24/2025 18:24	<a href="#">WG2566099</a>
Ethylbenzene	ND		0.0100	0.0100	1	07/24/2025 18:24	<a href="#">WG2566099</a>
Toluene	ND		0.0100	0.0100	1	07/24/2025 18:24	<a href="#">WG2566099</a>
1,2,4-Trimethylbenzene	ND		0.00500	0.00500	1	07/24/2025 18:24	<a href="#">WG2566099</a>
1,3,5-Trimethylbenzene	ND		0.00500	0.00500	1	07/24/2025 18:24	<a href="#">WG2566099</a>
Xylenes, Total	ND		0.100	0.100	1	07/24/2025 18:24	<a href="#">WG2566099</a>
(S) Toluene-d8	96.6			75.0-131		07/24/2025 18:24	<a href="#">WG2566099</a>
(S) 4-Bromofluorobenzene	101			67.0-138		07/24/2025 18:24	<a href="#">WG2566099</a>
(S) 1,2-Dichloroethane-d4	104			70.0-130		07/24/2025 18:24	<a href="#">WG2566099</a>

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		1.61	4.00	1	07/29/2025 18:31	<a href="#">WG2568047</a>
C28-C36 Motor Oil Range	0.409	<u>B</u> <u>J</u>	0.274	4.00	1	07/29/2025 18:31	<a href="#">WG2568047</a>
(S) o-Terphenyl	62.3			18.0-148		07/29/2025 18:31	<a href="#">WG2568047</a>

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

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	ND		0.0330	0.0330	1	07/29/2025 19:32	<a href="#">WG2568077</a>
Anthracene	ND		0.0330	0.0330	1	07/29/2025 19:32	<a href="#">WG2568077</a>
Benzo(a)anthracene	ND		0.00600	0.00600	1	07/29/2025 19:32	<a href="#">WG2568077</a>
Benzo(b)fluoranthene	ND		0.0330	0.0330	1	07/29/2025 19:32	<a href="#">WG2568077</a>
Benzo(k)fluoranthene	ND		0.0330	0.0330	1	07/29/2025 19:32	<a href="#">WG2568077</a>
Benzo(a)pyrene	ND		0.0330	0.0330	1	07/29/2025 19:32	<a href="#">WG2568077</a>
Chrysene	ND		0.0330	0.0330	1	07/29/2025 19:32	<a href="#">WG2568077</a>
Dibenz(a,h)anthracene	ND		0.0330	0.0330	1	07/29/2025 19:32	<a href="#">WG2568077</a>
Fluoranthene	ND		0.0330	0.0330	1	07/29/2025 19:32	<a href="#">WG2568077</a>
Fluorene	ND		0.0330	0.0330	1	07/29/2025 19:32	<a href="#">WG2568077</a>
Indeno(1,2,3-cd)pyrene	ND		0.0330	0.0330	1	07/29/2025 19:32	<a href="#">WG2568077</a>
1-Methylnaphthalene	ND		0.00300	0.00300	1	07/29/2025 19:32	<a href="#">WG2568077</a>
2-Methylnaphthalene	ND		0.0120	0.0120	1	07/29/2025 19:32	<a href="#">WG2568077</a>
Naphthalene	ND		0.00300	0.00300	1	07/29/2025 19:32	<a href="#">WG2568077</a>
Pyrene	ND		0.0330	0.0330	1	07/29/2025 19:32	<a href="#">WG2568077</a>
(S) p-Terphenyl-d14	90.2			23.0-120		07/29/2025 19:32	<a href="#">WG2568077</a>
(S) Nitrobenzene-d5	73.0			14.0-149		07/29/2025 19:32	<a href="#">WG2568077</a>
(S) 2-Fluorobiphenyl	84.9			34.0-125		07/29/2025 19:32	<a href="#">WG2568077</a>

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

## Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	28.6		1	07/30/2025 11:22	WG2568446

## Wet Chemistry by Method 7199

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.195	0.195	.973	08/08/2025 15:29	<a href="#">WG2566765</a>

## Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
pH	9.24		1	07/31/2025 14:07	<a href="#">WG2569575</a>

## Sample Narrative:

L1880841-06 WG2569575: 9.24 at 22.1C

## Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	1610	umhos/cm		10.0	1	07/31/2025 18:10	<a href="#">WG2569579</a>

## Sample Narrative:

L1880841-06 WG2569579: at 25C

## Metals (ICP) by Method 6010D (S-7.10)

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	0.352		0.0199	0.100	1	07/29/2025 19:27	<a href="#">WG2568454</a>

## Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Arsenic	4.01		0.100	0.100	5	08/12/2025 15:49	<a href="#">WG2566637</a>
Barium	85.1		10.0	10.0	5	08/12/2025 15:49	<a href="#">WG2566637</a>
Cadmium	0.128		0.100	0.100	5	08/12/2025 15:49	<a href="#">WG2566637</a>
Copper	ND		10.0	10.0	5	08/12/2025 15:49	<a href="#">WG2566637</a>
Lead	ND		10.0	10.0	5	08/12/2025 15:49	<a href="#">WG2566637</a>
Nickel	ND		10.0	10.0	5	08/12/2025 15:49	<a href="#">WG2566637</a>
Selenium	0.880		0.100	0.100	5	08/12/2025 15:49	<a href="#">WG2566637</a>
Silver	ND		0.500	0.500	5	08/12/2025 15:49	<a href="#">WG2566637</a>
Zinc	ND		50.0	50.0	5	08/12/2025 15:49	<a href="#">WG2566637</a>

## Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		2.00	2.50	25	07/25/2025 15:01	<a href="#">WG2566196</a>
(S) a,a,a-Trifluorotoluene(FID)	102			77.0-120		07/25/2025 15:01	<a href="#">WG2566196</a>

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 mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	0.00100	1	07/29/2025 18:44	<a href="#">WG2568503</a>
Ethylbenzene	ND		0.0100	0.0100	1	07/24/2025 18:44	<a href="#">WG2566099</a>
Toluene	ND		0.0100	0.0100	1	07/24/2025 18:44	<a href="#">WG2566099</a>
1,2,4-Trimethylbenzene	ND		0.00500	0.00500	1	07/24/2025 18:44	<a href="#">WG2566099</a>
1,3,5-Trimethylbenzene	ND		0.00500	0.00500	1	07/24/2025 18:44	<a href="#">WG2566099</a>
Xylenes, Total	ND		0.100	0.100	1	07/24/2025 18:44	<a href="#">WG2566099</a>
(S) Toluene-d8	96.5			75.0-131		07/24/2025 18:44	<a href="#">WG2566099</a>
(S) Toluene-d8	99.1			75.0-131		07/29/2025 18:44	<a href="#">WG2568503</a>
(S) 4-Bromofluorobenzene	99.6			67.0-138		07/24/2025 18:44	<a href="#">WG2566099</a>
(S) 4-Bromofluorobenzene	103			67.0-138		07/29/2025 18:44	<a href="#">WG2568503</a>
(S) 1,2-Dichloroethane-d4	102			70.0-130		07/24/2025 18:44	<a href="#">WG2566099</a>
(S) 1,2-Dichloroethane-d4	99.5			70.0-130		07/29/2025 18:44	<a href="#">WG2568503</a>

## Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	1.74	J	1.61	4.00	1	07/29/2025 18:17	<a href="#">WG2568047</a>
C28-C36 Motor Oil Range	1.09	B J	0.274	4.00	1	07/29/2025 18:17	<a href="#">WG2568047</a>
(S) o-Terphenyl	71.8			18.0-148		07/29/2025 18:17	<a href="#">WG2568047</a>

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

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	ND		0.0330	0.0330	1	07/29/2025 19:50	<a href="#">WG2568077</a>
Anthracene	ND		0.0330	0.0330	1	07/29/2025 19:50	<a href="#">WG2568077</a>
Benzo(a)anthracene	ND		0.00600	0.00600	1	07/29/2025 19:50	<a href="#">WG2568077</a>
Benzo(b)fluoranthene	ND		0.0330	0.0330	1	07/29/2025 19:50	<a href="#">WG2568077</a>
Benzo(k)fluoranthene	ND		0.0330	0.0330	1	07/29/2025 19:50	<a href="#">WG2568077</a>
Benzo(a)pyrene	ND		0.0330	0.0330	1	07/29/2025 19:50	<a href="#">WG2568077</a>
Chrysene	ND		0.0330	0.0330	1	07/29/2025 19:50	<a href="#">WG2568077</a>
Dibenz(a,h)anthracene	ND		0.0330	0.0330	1	07/29/2025 19:50	<a href="#">WG2568077</a>
Fluoranthene	ND		0.0330	0.0330	1	07/29/2025 19:50	<a href="#">WG2568077</a>
Fluorene	ND		0.0330	0.0330	1	07/29/2025 19:50	<a href="#">WG2568077</a>
Indeno(1,2,3-cd)pyrene	ND		0.0330	0.0330	1	07/29/2025 19:50	<a href="#">WG2568077</a>
1-Methylnaphthalene	ND		0.00300	0.00300	1	07/29/2025 19:50	<a href="#">WG2568077</a>
2-Methylnaphthalene	ND		0.0120	0.0120	1	07/29/2025 19:50	<a href="#">WG2568077</a>
Naphthalene	ND		0.00300	0.00300	1	07/29/2025 19:50	<a href="#">WG2568077</a>
Pyrene	ND		0.0330	0.0330	1	07/29/2025 19:50	<a href="#">WG2568077</a>
(S) p-Terphenyl-d14	83.5			23.0-120		07/29/2025 19:50	<a href="#">WG2568077</a>
(S) Nitrobenzene-d5	70.7			14.0-149		07/29/2025 19:50	<a href="#">WG2568077</a>
(S) 2-Fluorobiphenyl	84.5			34.0-125		07/29/2025 19:50	<a href="#">WG2568077</a>

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	3.70		1	07/30/2025 11:23	WG2568446

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.196	0.196	.98	08/08/2025 15:40	<a href="#">WG2566765</a>
Hexavalent Chromium	ND		0.00204	0.00204	.0102	08/06/2025 13:11	<a href="#">WG2568922</a>

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	9.32		1	07/31/2025 14:07	<a href="#">WG2569575</a>

Sample Narrative:

L1880841-07 WG2569575: 9.32 at 21.6C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	417	umhos/cm		10.0	1	07/31/2025 18:10	<a href="#">WG2569579</a>

Sample Narrative:

L1880841-07 WG2569579: at 25C

Metals (ICP) by Method 6010D (S-7.10)

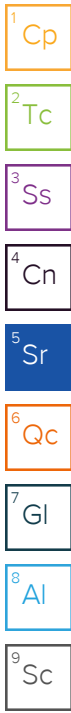
Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	0.0913	J	0.0199	0.100	1	07/29/2025 19:30	<a href="#">WG2568454</a>

Metals (ICPMS) by Method 6020B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	2.77		0.100	0.100	5	08/12/2025 16:06	<a href="#">WG2566637</a>
Barium	96.6		10.0	10.0	5	08/12/2025 16:06	<a href="#">WG2566637</a>
Cadmium	ND		0.100	0.100	5	08/12/2025 16:06	<a href="#">WG2566637</a>
Copper	ND		10.0	10.0	5	08/12/2025 16:06	<a href="#">WG2566637</a>
Lead	ND		10.0	10.0	5	08/12/2025 16:06	<a href="#">WG2566637</a>
Nickel	ND		10.0	10.0	5	08/12/2025 16:06	<a href="#">WG2566637</a>
Selenium	0.718		0.100	0.100	5	08/12/2025 16:06	<a href="#">WG2566637</a>
Silver	ND		0.500	0.500	5	08/12/2025 16:06	<a href="#">WG2566637</a>
Zinc	ND		50.0	50.0	5	08/12/2025 16:06	<a href="#">WG2566637</a>

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		2.00	2.50	25	07/25/2025 15:24	<a href="#">WG2566196</a>
(S) a,a,a-Trifluorotoluene(FID)	102			77.0-120		07/25/2025 15:24	<a href="#">WG2566196</a>



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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	ND		0.00100	0.00100	1	07/29/2025 19:04	<a href="#">WG2568503</a>
Ethylbenzene	ND		0.0100	0.0100	1	07/24/2025 19:05	<a href="#">WG2566099</a>
Toluene	ND		0.0100	0.0100	1	07/24/2025 19:05	<a href="#">WG2566099</a>
1,2,4-Trimethylbenzene	ND		0.00500	0.00500	1	07/24/2025 19:05	<a href="#">WG2566099</a>
1,3,5-Trimethylbenzene	ND		0.00500	0.00500	1	07/24/2025 19:05	<a href="#">WG2566099</a>
Xylenes, Total	ND		0.100	0.100	1	07/24/2025 19:05	<a href="#">WG2566099</a>
(S) Toluene-d8	94.9			75.0-131		07/24/2025 19:05	<a href="#">WG2566099</a>
(S) Toluene-d8	100			75.0-131		07/29/2025 19:04	<a href="#">WG2568503</a>
(S) 4-Bromofluorobenzene	98.6			67.0-138		07/24/2025 19:05	<a href="#">WG2566099</a>
(S) 4-Bromofluorobenzene	105			67.0-138		07/29/2025 19:04	<a href="#">WG2568503</a>
(S) 1,2-Dichloroethane-d4	105			70.0-130		07/24/2025 19:05	<a href="#">WG2566099</a>
(S) 1,2-Dichloroethane-d4	98.9			70.0-130		07/29/2025 19:04	<a href="#">WG2568503</a>

## Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	ND		1.61	4.00	1	07/29/2025 18:31	<a href="#">WG2568047</a>
C28-C36 Motor Oil Range	0.682	<u>B J</u>	0.274	4.00	1	07/29/2025 18:31	<a href="#">WG2568047</a>
(S) o-Terphenyl	68.5			18.0-148		07/29/2025 18:31	<a href="#">WG2568047</a>

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acenaphthene	ND		0.0330	0.0330	1	07/29/2025 20:07	<a href="#">WG2568077</a>
Anthracene	ND		0.0330	0.0330	1	07/29/2025 20:07	<a href="#">WG2568077</a>
Benzo(a)anthracene	ND		0.00600	0.00600	1	07/29/2025 20:07	<a href="#">WG2568077</a>
Benzo(b)fluoranthene	ND		0.0330	0.0330	1	07/29/2025 20:07	<a href="#">WG2568077</a>
Benzo(k)fluoranthene	ND		0.0330	0.0330	1	07/29/2025 20:07	<a href="#">WG2568077</a>
Benzo(a)pyrene	ND		0.0330	0.0330	1	07/29/2025 20:07	<a href="#">WG2568077</a>
Chrysene	ND		0.0330	0.0330	1	07/29/2025 20:07	<a href="#">WG2568077</a>
Dibenz(a,h)anthracene	ND		0.0330	0.0330	1	07/29/2025 20:07	<a href="#">WG2568077</a>
Fluoranthene	ND		0.0330	0.0330	1	07/29/2025 20:07	<a href="#">WG2568077</a>
Fluorene	ND		0.0330	0.0330	1	07/29/2025 20:07	<a href="#">WG2568077</a>
Indeno(1,2,3-cd)pyrene	ND		0.0330	0.0330	1	07/29/2025 20:07	<a href="#">WG2568077</a>
1-Methylnaphthalene	ND		0.00300	0.00300	1	07/29/2025 20:07	<a href="#">WG2568077</a>
2-Methylnaphthalene	ND		0.0120	0.0120	1	07/29/2025 20:07	<a href="#">WG2568077</a>
Naphthalene	ND		0.00300	0.00300	1	07/29/2025 20:07	<a href="#">WG2568077</a>
Pyrene	ND		0.0330	0.0330	1	07/29/2025 20:07	<a href="#">WG2568077</a>
(S) p-Terphenyl-d14	94.9			23.0-120		07/29/2025 20:07	<a href="#">WG2568077</a>
(S) Nitrobenzene-d5	74.5			14.0-149		07/29/2025 20:07	<a href="#">WG2568077</a>
(S) 2-Fluorobiphenyl	90.1			34.0-125		07/29/2025 20:07	<a href="#">WG2568077</a>

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	6.10		1	07/30/2025 11:25	WG2568446

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.192	0.192	.962	08/08/2025 15:51	<a href="#">WG2566765</a>

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.80		1	07/31/2025 14:57	<a href="#">WG2569586</a>

Sample Narrative:

L1880841-08 WG2569586: 8.8 at 21.8C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	517	umhos/cm		10.0	1	07/31/2025 21:40	<a href="#">WG2569589</a>

Sample Narrative:

L1880841-08 WG2569589: at 25C

Metals (ICP) by Method 6010D (S-7.10)

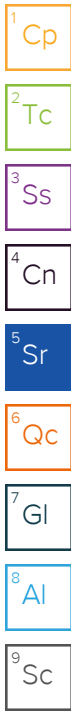
Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	0.0609	J	0.0199	0.100	1	07/29/2025 19:33	<a href="#">WG2568454</a>

Metals (ICPMS) by Method 6020B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	2.09		0.100	0.100	5	08/12/2025 16:10	<a href="#">WG2566637</a>
Barium	105		10.0	10.0	5	08/12/2025 16:10	<a href="#">WG2566637</a>
Cadmium	ND		0.100	0.100	5	08/12/2025 16:10	<a href="#">WG2566637</a>
Copper	ND		10.0	10.0	5	08/12/2025 16:10	<a href="#">WG2566637</a>
Lead	ND		10.0	10.0	5	08/12/2025 16:10	<a href="#">WG2566637</a>
Nickel	ND		10.0	10.0	5	08/12/2025 16:10	<a href="#">WG2566637</a>
Selenium	0.668		0.100	0.100	5	08/12/2025 16:10	<a href="#">WG2566637</a>
Silver	ND		0.500	0.500	5	08/12/2025 16:10	<a href="#">WG2566637</a>
Zinc	ND		50.0	50.0	5	08/12/2025 16:10	<a href="#">WG2566637</a>

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		2.00	2.50	25	07/25/2025 15:46	<a href="#">WG2566196</a>
(S) a,a,a-Trifluorotoluene(FID)	102			77.0-120		07/25/2025 15:46	<a href="#">WG2566196</a>



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

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	0.00100	1	07/24/2025 19:25	<a href="#">WG2566099</a>
Ethylbenzene	ND		0.0100	0.0100	1	07/24/2025 19:25	<a href="#">WG2566099</a>
Toluene	ND		0.0100	0.0100	1	07/24/2025 19:25	<a href="#">WG2566099</a>
1,2,4-Trimethylbenzene	ND		0.00500	0.00500	1	07/24/2025 19:25	<a href="#">WG2566099</a>
1,3,5-Trimethylbenzene	ND		0.00500	0.00500	1	07/24/2025 19:25	<a href="#">WG2566099</a>
Xylenes, Total	ND		0.100	0.100	1	07/24/2025 19:25	<a href="#">WG2566099</a>
(S) Toluene-d8	96.5			75.0-131		07/24/2025 19:25	<a href="#">WG2566099</a>
(S) 4-Bromofluorobenzene	98.6			67.0-138		07/24/2025 19:25	<a href="#">WG2566099</a>
(S) 1,2-Dichloroethane-d4	105			70.0-130		07/24/2025 19:25	<a href="#">WG2566099</a>

## Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		1.61	4.00	1	07/29/2025 18:45	<a href="#">WG2568047</a>
C28-C36 Motor Oil Range	0.556	<u>B J</u>	0.274	4.00	1	07/29/2025 18:45	<a href="#">WG2568047</a>
(S) o-Terphenyl	67.2			18.0-148		07/29/2025 18:45	<a href="#">WG2568047</a>

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

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	ND		0.0330	0.0330	1	07/29/2025 20:25	<a href="#">WG2568077</a>
Anthracene	ND		0.0330	0.0330	1	07/29/2025 20:25	<a href="#">WG2568077</a>
Benzo(a)anthracene	ND		0.00600	0.00600	1	07/29/2025 20:25	<a href="#">WG2568077</a>
Benzo(b)fluoranthene	ND		0.0330	0.0330	1	07/29/2025 20:25	<a href="#">WG2568077</a>
Benzo(k)fluoranthene	ND		0.0330	0.0330	1	07/29/2025 20:25	<a href="#">WG2568077</a>
Benzo(a)pyrene	ND		0.0330	0.0330	1	07/29/2025 20:25	<a href="#">WG2568077</a>
Chrysene	ND		0.0330	0.0330	1	07/29/2025 20:25	<a href="#">WG2568077</a>
Dibenz(a,h)anthracene	ND		0.0330	0.0330	1	07/29/2025 20:25	<a href="#">WG2568077</a>
Fluoranthene	ND		0.0330	0.0330	1	07/29/2025 20:25	<a href="#">WG2568077</a>
Fluorene	ND		0.0330	0.0330	1	07/29/2025 20:25	<a href="#">WG2568077</a>
Indeno(1,2,3-cd)pyrene	ND		0.0330	0.0330	1	07/29/2025 20:25	<a href="#">WG2568077</a>
1-Methylnaphthalene	ND		0.00300	0.00300	1	07/29/2025 20:25	<a href="#">WG2568077</a>
2-Methylnaphthalene	ND		0.0120	0.0120	1	07/29/2025 20:25	<a href="#">WG2568077</a>
Naphthalene	ND		0.00300	0.00300	1	07/29/2025 20:25	<a href="#">WG2568077</a>
Pyrene	ND		0.0330	0.0330	1	07/29/2025 20:25	<a href="#">WG2568077</a>
(S) p-Terphenyl-d14	86.5			23.0-120		07/29/2025 20:25	<a href="#">WG2568077</a>
(S) Nitrobenzene-d5	82.8			14.0-149		07/29/2025 20:25	<a href="#">WG2568077</a>
(S) 2-Fluorobiphenyl	86.0			34.0-125		07/29/2025 20:25	<a href="#">WG2568077</a>

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	5.06		1	07/30/2025 11:27	WG2568446

Wet Chemistry by Method 7199

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.199	0.199	.996	08/08/2025 16:23	<a href="#">WG2566765</a>

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
pH	8.79		1	07/31/2025 14:57	<a href="#">WG2569586</a>

Sample Narrative:

L1880841-09 WG2569586: 8.79 at 21.5C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	398	umhos/cm		10.0	1	07/31/2025 21:40	<a href="#">WG2569589</a>

Sample Narrative:

L1880841-09 WG2569589: at 25C

Metals (ICP) by Method 6010D (S-7.10)

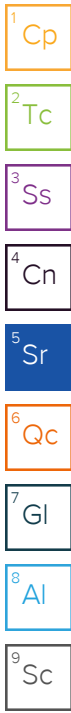
Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	0.0469	J	0.0199	0.100	1	07/29/2025 20:07	<a href="#">WG2568454</a>

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Arsenic	2.30		0.100	0.100	5	08/12/2025 16:13	<a href="#">WG2566637</a>
Barium	91.7		10.0	10.0	5	08/12/2025 16:13	<a href="#">WG2566637</a>
Cadmium	ND		0.100	0.100	5	08/12/2025 16:13	<a href="#">WG2566637</a>
Copper	ND		10.0	10.0	5	08/12/2025 16:13	<a href="#">WG2566637</a>
Lead	ND		10.0	10.0	5	08/12/2025 16:13	<a href="#">WG2566637</a>
Nickel	ND		10.0	10.0	5	08/12/2025 16:13	<a href="#">WG2566637</a>
Selenium	0.599		0.100	0.100	5	08/12/2025 16:13	<a href="#">WG2566637</a>
Silver	ND		0.500	0.500	5	08/12/2025 16:13	<a href="#">WG2566637</a>
Zinc	ND		50.0	50.0	5	08/12/2025 16:13	<a href="#">WG2566637</a>

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		2.00	2.50	25	07/25/2025 16:09	<a href="#">WG2566196</a>
(S) a,a,a-Trifluorotoluene(FID)	100			77.0-120		07/25/2025 16:09	<a href="#">WG2566196</a>



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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	ND		0.00100	0.00100	1	07/24/2025 19:45	<a href="#">WG2566099</a>
Ethylbenzene	ND		0.0100	0.0100	1	07/24/2025 19:45	<a href="#">WG2566099</a>
Toluene	ND		0.0100	0.0100	1	07/24/2025 19:45	<a href="#">WG2566099</a>
1,2,4-Trimethylbenzene	ND		0.00500	0.00500	1	07/24/2025 19:45	<a href="#">WG2566099</a>
1,3,5-Trimethylbenzene	ND		0.00500	0.00500	1	07/24/2025 19:45	<a href="#">WG2566099</a>
Xylenes, Total	ND		0.100	0.100	1	07/24/2025 19:45	<a href="#">WG2566099</a>
(S) Toluene-d8	96.4			75.0-131		07/24/2025 19:45	<a href="#">WG2566099</a>
(S) 4-Bromofluorobenzene	98.3			67.0-138		07/24/2025 19:45	<a href="#">WG2566099</a>
(S) 1,2-Dichloroethane-d4	105			70.0-130		07/24/2025 19:45	<a href="#">WG2566099</a>

## Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	ND		1.61	4.00	1	07/29/2025 18:45	<a href="#">WG2568047</a>
C28-C36 Motor Oil Range	ND		0.274	4.00	1	07/29/2025 18:45	<a href="#">WG2568047</a>
(S) o-Terphenyl	64.7			18.0-148		07/29/2025 18:45	<a href="#">WG2568047</a>

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acenaphthene	ND		0.0330	0.0330	1	07/29/2025 20:43	<a href="#">WG2568077</a>
Anthracene	ND		0.0330	0.0330	1	07/29/2025 20:43	<a href="#">WG2568077</a>
Benzo(a)anthracene	ND		0.00600	0.00600	1	07/29/2025 20:43	<a href="#">WG2568077</a>
Benzo(b)fluoranthene	ND		0.0330	0.0330	1	07/29/2025 20:43	<a href="#">WG2568077</a>
Benzo(k)fluoranthene	ND		0.0330	0.0330	1	07/29/2025 20:43	<a href="#">WG2568077</a>
Benzo(a)pyrene	ND		0.0330	0.0330	1	07/29/2025 20:43	<a href="#">WG2568077</a>
Chrysene	ND		0.0330	0.0330	1	07/29/2025 20:43	<a href="#">WG2568077</a>
Dibenz(a,h)anthracene	ND		0.0330	0.0330	1	07/29/2025 20:43	<a href="#">WG2568077</a>
Fluoranthene	ND		0.0330	0.0330	1	07/29/2025 20:43	<a href="#">WG2568077</a>
Fluorene	ND		0.0330	0.0330	1	07/29/2025 20:43	<a href="#">WG2568077</a>
Indeno(1,2,3-cd)pyrene	ND		0.0330	0.0330	1	07/29/2025 20:43	<a href="#">WG2568077</a>
1-Methylnaphthalene	ND		0.00300	0.00300	1	07/29/2025 20:43	<a href="#">WG2568077</a>
2-Methylnaphthalene	ND		0.0120	0.0120	1	07/29/2025 20:43	<a href="#">WG2568077</a>
Naphthalene	ND		0.00300	0.00300	1	07/29/2025 20:43	<a href="#">WG2568077</a>
Pyrene	ND		0.0330	0.0330	1	07/29/2025 20:43	<a href="#">WG2568077</a>
(S) p-Terphenyl-d14	90.1			23.0-120		07/29/2025 20:43	<a href="#">WG2568077</a>
(S) Nitrobenzene-d5	77.6			14.0-149		07/29/2025 20:43	<a href="#">WG2568077</a>
(S) 2-Fluorobiphenyl	85.9			34.0-125		07/29/2025 20:43	<a href="#">WG2568077</a>

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	3.89		1	07/30/2025 10:43	WG2568446

Wet Chemistry by Method 7199

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.193	0.193	.965	08/08/2025 16:34	<a href="#">WG2566765</a>

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
pH	9.37		1	07/31/2025 10:31	<a href="#">WG2569593</a>

Sample Narrative:

L1880841-10 WG2569593: 9.37 at 21.1C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	669	umhos/cm		10.0	1	07/31/2025 17:50	<a href="#">WG2569609</a>

Sample Narrative:

L1880841-10 WG2569609: at 25C

Metals (ICP) by Method 6010D (S-7.10)

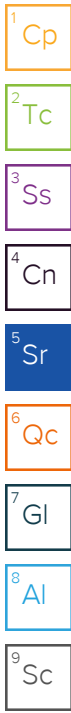
Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	0.157		0.0199	0.100	1	07/29/2025 20:10	<a href="#">WG2568454</a>

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Arsenic	4.54		0.100	0.100	5	08/12/2025 14:47	<a href="#">WG2566637</a>
Barium	107		10.0	10.0	5	08/12/2025 14:47	<a href="#">WG2566637</a>
Cadmium	0.130		0.100	0.100	5	08/12/2025 14:47	<a href="#">WG2566637</a>
Copper	ND		10.0	10.0	5	08/12/2025 14:47	<a href="#">WG2566637</a>
Lead	ND		10.0	10.0	5	08/12/2025 14:47	<a href="#">WG2566637</a>
Nickel	ND		10.0	10.0	5	08/12/2025 14:47	<a href="#">WG2566637</a>
Selenium	0.907		0.100	0.100	5	08/12/2025 14:47	<a href="#">WG2566637</a>
Silver	ND		0.500	0.500	5	08/12/2025 14:47	<a href="#">WG2566637</a>
Zinc	ND		50.0	50.0	5	08/12/2025 14:47	<a href="#">WG2566637</a>

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		2.00	2.50	25	07/25/2025 16:32	<a href="#">WG2566196</a>
(S) a,a,a-Trifluorotoluene(FID)	100			77.0-120		07/25/2025 16:32	<a href="#">WG2566196</a>



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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	ND		0.00100	0.00100	1	07/24/2025 20:05	<a href="#">WG2566099</a>
Ethylbenzene	ND		0.0100	0.0100	1	07/24/2025 20:05	<a href="#">WG2566099</a>
Toluene	ND		0.0100	0.0100	1	07/24/2025 20:05	<a href="#">WG2566099</a>
1,2,4-Trimethylbenzene	ND		0.00500	0.00500	1	07/24/2025 20:05	<a href="#">WG2566099</a>
1,3,5-Trimethylbenzene	ND		0.00500	0.00500	1	07/24/2025 20:05	<a href="#">WG2566099</a>
Xylenes, Total	ND		0.100	0.100	1	07/24/2025 20:05	<a href="#">WG2566099</a>
(S) Toluene-d8	97.9			75.0-131		07/24/2025 20:05	<a href="#">WG2566099</a>
(S) 4-Bromofluorobenzene	99.6			67.0-138		07/24/2025 20:05	<a href="#">WG2566099</a>
(S) 1,2-Dichloroethane-d4	105			70.0-130		07/24/2025 20:05	<a href="#">WG2566099</a>

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	ND		1.61	4.00	1	07/29/2025 18:59	<a href="#">WG2568047</a>
C28-C36 Motor Oil Range	0.744	<u>B</u>	0.274	4.00	1	07/29/2025 18:59	<a href="#">WG2568047</a>
(S) o-Terphenyl	63.3			18.0-148		07/29/2025 18:59	<a href="#">WG2568047</a>

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acenaphthene	ND		0.0330	0.0330	1	07/29/2025 21:00	<a href="#">WG2568077</a>
Anthracene	ND		0.0330	0.0330	1	07/29/2025 21:00	<a href="#">WG2568077</a>
Benzo(a)anthracene	ND		0.00600	0.00600	1	07/29/2025 21:00	<a href="#">WG2568077</a>
Benzo(b)fluoranthene	ND		0.0330	0.0330	1	07/29/2025 21:00	<a href="#">WG2568077</a>
Benzo(k)fluoranthene	ND		0.0330	0.0330	1	07/29/2025 21:00	<a href="#">WG2568077</a>
Benzo(a)pyrene	ND		0.0330	0.0330	1	07/29/2025 21:00	<a href="#">WG2568077</a>
Chrysene	ND		0.0330	0.0330	1	07/29/2025 21:00	<a href="#">WG2568077</a>
Dibenz(a,h)anthracene	ND		0.0330	0.0330	1	07/29/2025 21:00	<a href="#">WG2568077</a>
Fluoranthene	ND		0.0330	0.0330	1	07/29/2025 21:00	<a href="#">WG2568077</a>
Fluorene	ND		0.0330	0.0330	1	07/29/2025 21:00	<a href="#">WG2568077</a>
Indeno(1,2,3-cd)pyrene	ND		0.0330	0.0330	1	07/29/2025 21:00	<a href="#">WG2568077</a>
1-Methylnaphthalene	ND		0.00300	0.00300	1	07/29/2025 21:00	<a href="#">WG2568077</a>
2-Methylnaphthalene	ND		0.0120	0.0120	1	07/29/2025 21:00	<a href="#">WG2568077</a>
Naphthalene	ND		0.00300	0.00300	1	07/29/2025 21:00	<a href="#">WG2568077</a>
Pyrene	ND		0.0330	0.0330	1	07/29/2025 21:00	<a href="#">WG2568077</a>
(S) p-Terphenyl-d14	85.7			23.0-120		07/29/2025 21:00	<a href="#">WG2568077</a>
(S) Nitrobenzene-d5	70.5			14.0-149		07/29/2025 21:00	<a href="#">WG2568077</a>
(S) 2-Fluorobiphenyl	82.5			34.0-125		07/29/2025 21:00	<a href="#">WG2568077</a>

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

Method Blank (MB)

(MB) R4257124-2 08/08/25 16:43

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
Hexavalent Chromium	ND		0.200	0.200

<sup>1</sup>Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

<sup>4</sup>Cn

<sup>5</sup>Sr

<sup>6</sup>Qc

<sup>7</sup>Gl

<sup>8</sup>Al

<sup>9</sup>Sc

L1880715-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1880715-01 08/08/25 17:49 • (DUP) R4257124-4 08/08/25 18:10

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Hexavalent Chromium	0.287	0.266	.98	7.30		20

L1880841-04 Original Sample (OS) • Duplicate (DUP)

(OS) L1880841-04 08/08/25 22:00 • (DUP) R4257124-8 08/08/25 22:11

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Hexavalent Chromium	ND	ND	.969	0.000		20

Laboratory Control Sample (LCS)

(LCS) R4257124-1 08/08/25 16:32

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Hexavalent Chromium	10.0	9.35	93.5	80.0-120	

L1880715-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1880715-01 08/08/25 17:49 • (MS) R4257124-5 08/08/25 18:43 • (MSD) R4257124-6 08/08/25 18:54

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Hexavalent Chromium	19.8	0.287	16.1	15.5	79.9	78.3	.988	75.0-125			3.55	20

L1880841-04 Original Sample (OS) • Matrix Spike (MS)

(OS) L1880841-04 08/08/25 22:00 • (MS) R4257124-9 08/08/25 22:22

Analyte	Spike Amount	Original Result	MS Result	MS Rec.	Dilution	Rec. Limits	MS Qualifier
Hexavalent Chromium	19.6	ND	18.3	93.1	.98	75.0-125	

L1880715-01 Original Sample (OS) • Matrix Spike (MS)

(OS) L1880715-01 08/08/25 17:49 • (MS) R4257124-7 08/08/25 19:05

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MS Rec. %	Dilution	Rec. Limits %	<u>MS Qualifier</u>
Hexavalent Chromium	785	0.287	681	86.8	50	75.0-125	

<sup>1</sup>Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

<sup>4</sup>Cn

<sup>5</sup>Sr

<sup>6</sup>Qc

<sup>7</sup>Gl

<sup>8</sup>Al

<sup>9</sup>Sc

Method Blank (MB)

(MB) R4257125-2 08/08/25 12:02

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
Hexavalent Chromium	ND		0.200	0.200

<sup>1</sup>Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

<sup>4</sup>Cn

<sup>5</sup>Sr

<sup>6</sup>Qc

<sup>7</sup>Gl

<sup>8</sup>Al

<sup>9</sup>Sc

L1880760-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1880760-01 08/08/25 12:23 • (DUP) R4257125-4 08/08/25 12:45

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Hexavalent Chromium	ND	ND	1	0.000		20

L1880842-05 Original Sample (OS) • Duplicate (DUP)

(OS) L1880842-05 08/08/25 17:29 • (DUP) R4257125-8 08/08/25 17:40

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Hexavalent Chromium	ND	ND	.962	0.000		20

Laboratory Control Sample (LCS)

(LCS) R4257125-1 08/08/25 11:51

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Hexavalent Chromium	10.0	8.84	88.4	80.0-120	

L1880760-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1880760-01 08/08/25 12:23 • (MS) R4257125-5 08/08/25 12:55 • (MSD) R4257125-6 08/08/25 13:06

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Hexavalent Chromium	20.0	ND	18.3	17.7	91.7	90.9	1	75.0-125			3.49	20

L1880842-05 Original Sample (OS) • Matrix Spike (MS)

(OS) L1880842-05 08/08/25 17:29 • (MS) R4257125-9 08/08/25 17:51

Analyte	Spike Amount	Original Result	MS Result	MS Rec.	Dilution	Rec. Limits	MS Qualifier
Hexavalent Chromium	19.5	ND	17.8	91.5	.973	75.0-125	

L1880760-01 Original Sample (OS) • Matrix Spike (MS)

(OS) L1880760-01 08/08/25 12:23 • (MS) R4257125-7 08/08/25 13:17

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MS Rec. %	Dilution	Rec. Limits %	<u>MS Qualifier</u>
Hexavalent Chromium	772	ND	758	98.2	50	75.0-125	

<sup>1</sup>Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

<sup>4</sup>Cn

<sup>5</sup>Sr

<sup>6</sup>Qc

<sup>7</sup>Gl

<sup>8</sup>Al

<sup>9</sup>Sc

Method Blank (MB)

(MB) R4255580-1 08/06/25 10:17

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
Hexavalent Chromium	ND		0.200	0.200

<sup>1</sup>Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

<sup>4</sup>Cn

<sup>5</sup>Sr

<sup>6</sup>Qc

<sup>7</sup>Gl

<sup>8</sup>Al

<sup>9</sup>Sc

L1880822-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1880822-01 08/06/25 12:42 • (DUP) R4255580-3 08/06/25 12:52

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Hexavalent Chromium	ND	0.204	1	200	P1	20

L1880841-07 Original Sample (OS) • Duplicate (DUP)

(OS) L1880841-07 08/06/25 13:11 • (DUP) R4255580-4 08/06/25 13:21

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Hexavalent Chromium	ND	ND	1	0.000		20

Laboratory Control Sample (LCS)

(LCS) R4255580-2 08/06/25 10:27

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Hexavalent Chromium	10.0	8.60	86.0	80.0-120	

L1880867-17 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1880867-17 08/06/25 14:28 • (MS) R4255580-5 08/06/25 14:38 • (MSD) R4255580-6 08/06/25 14:48

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Hexavalent Chromium	20.0	ND	12.1	13.0	60.7	65.0	1	75.0-125	J6	J6	6.84	20

L1880867-17 Original Sample (OS) • Matrix Spike (MS)

(OS) L1880867-17 08/06/25 14:28 • (MS) R4255580-7 08/06/25 14:57

Analyte	Spike Amount	Original Result	MS Result	MS Rec.	Dilution	Rec. Limits	MS Qualifier
Hexavalent Chromium	664	ND	715	108	50	75.0-125	

L1880182-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1880182-01 07/31/25 14:09 • (DUP) R4252282-2 07/31/25 14:09

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
su	su			%		%
pH	7.40	7.42	1	0.270		1

Sample Narrative:

OS: 7.4 at 21.8C  
 DUP: 7.42 at 22.2C

L1880841-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1880841-02 07/31/25 14:09 • (DUP) R4252282-3 07/31/25 14:09

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
su	su			%		%
pH	8.70	8.68	1	0.230		1

Sample Narrative:

OS: 8.7 at 21.7C  
 DUP: 8.68 at 21.8C

Laboratory Control Sample (LCS)

(LCS) R4252282-1 07/31/25 14:09

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
su	su		%	%	
pH	10.0	9.95	99.5	99.0-101	

Sample Narrative:

LCS: 9.95 at 21.5C



L1880206-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1880206-03 07/31/25 14:07 • (DUP) R4252283-2 07/31/25 14:07

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
su	su			%		%
pH	8.05	8.07	1	0.248		1

Sample Narrative:

OS: 8.05 at 21.8C  
 DUP: 8.07 at 21.9C

L1880841-07 Original Sample (OS) • Duplicate (DUP)

(OS) L1880841-07 07/31/25 14:07 • (DUP) R4252283-3 07/31/25 14:07

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
su	su			%		%
pH	9.32	9.35	1	0.321		1

Sample Narrative:

OS: 9.32 at 21.6C  
 DUP: 9.35 at 21.6C

Laboratory Control Sample (LCS)

(LCS) R4252283-1 07/31/25 14:07

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
su	su		%	%	
pH	10.0	9.97	99.7	99.0-101	

Sample Narrative:

LCS: 9.97 at 21.4C

<sup>1</sup>Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

<sup>4</sup>Cn

<sup>5</sup>Sr

<sup>6</sup>Qc

<sup>7</sup>Gl

<sup>8</sup>Al

<sup>9</sup>Sc

L1880206-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1880206-01 07/31/25 14:57 • (DUP) R4252288-2 07/31/25 14:57

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
su	su			%		%
pH	8.26	8.25	1	0.121		1

Sample Narrative:

OS: 8.26 at 22.2C  
 DUP: 8.25 at 22.3C

<sup>1</sup>Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

<sup>4</sup>Cn

<sup>5</sup>Sr

<sup>6</sup>Qc

<sup>7</sup>Gl

<sup>8</sup>Al

<sup>9</sup>Sc

L1880841-09 Original Sample (OS) • Duplicate (DUP)

(OS) L1880841-09 07/31/25 14:57 • (DUP) R4252288-3 07/31/25 14:57

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
su	su			%		%
pH	8.79	8.79	1	0.000		1

Sample Narrative:

OS: 8.79 at 21.5C  
 DUP: 8.79 at 21.8C

Laboratory Control Sample (LCS)

(LCS) R4252288-1 07/31/25 14:57

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
su	su		%	%	
pH	10.0	9.96	99.6	99.0-101	

Sample Narrative:

LCS: 9.96 at 21.9C

L1880219-04 Original Sample (OS) • Duplicate (DUP)

(OS) L1880219-04 07/31/25 10:31 • (DUP) R4251912-2 07/31/25 10:31

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	su	su		%		%
pH	7.76	7.80	1	0.514		1

Sample Narrative:

OS: 7.76 at 21.2C

DUP: 7.8 at 21.2C

Laboratory Control Sample (LCS)

(LCS) R4251912-1 07/31/25 10:31

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	su	su	%	%	
pH	10.0	9.98	99.8	99.0-101	

Sample Narrative:

LCS: 9.98 at 21C

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

Method Blank (MB)

(MB) R4252935-1 08/01/25 16:00

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
Specific Conductance	umhos/cm		umhos/cm	umhos/cm
	ND		10.0	10.0

Sample Narrative:

BLANK: at 25C

L1880183-42 Original Sample (OS) • Duplicate (DUP)

(OS) L1880183-42 08/01/25 16:00 • (DUP) R4252935-3 08/01/25 16:00

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Specific Conductance	umhos/cm	umhos/cm		%		%
	1170	1170	1	0.171		20

Sample Narrative:

OS: at 25C

DUP: at 25C

L1880257-06 Original Sample (OS) • Duplicate (DUP)

(OS) L1880257-06 08/01/25 16:00 • (DUP) R4252935-4 08/01/25 16:00

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Specific Conductance	umhos/cm	umhos/cm		%		%
	1290	1280	1	0.390		20

Sample Narrative:

OS: at 25C

DUP: at 25C

Laboratory Control Sample (LCS)

(LCS) R4252935-2 08/01/25 16:00

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Specific Conductance	umhos/cm	umhos/cm	%	%	
	581	581	100	90.0-110	

Sample Narrative:

LCS: at 25C



Method Blank (MB)

(MB) R4252271-1 07/31/25 18:10

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
Specific Conductance	umhos/cm		umhos/cm	umhos/cm
	ND		10.0	10.0

Sample Narrative:

BLANK: at 25C

L1880216-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1880216-01 07/31/25 18:10 • (DUP) R4252271-3 07/31/25 18:10

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Specific Conductance	umhos/cm	umhos/cm		%		%
	1980	1980	1	0.353		20

Sample Narrative:

OS: at 25C

DUP: at 25C

L1880841-06 Original Sample (OS) • Duplicate (DUP)

(OS) L1880841-06 07/31/25 18:10 • (DUP) R4252271-4 07/31/25 18:10

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Specific Conductance	umhos/cm	umhos/cm		%		%
	1610	1610	1	0.0620		20

Sample Narrative:

OS: at 25C

DUP: at 25C

Laboratory Control Sample (LCS)

(LCS) R4252271-2 07/31/25 18:10

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Specific Conductance	umhos/cm	umhos/cm	%	%	
	581	546	94.0	90.0-110	

Sample Narrative:

LCS: at 25C



Method Blank (MB)

(MB) R4252306-1 07/31/25 21:40

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
Specific Conductance	umhos/cm		umhos/cm	umhos/cm
	ND		10.0	10.0

Sample Narrative:

BLANK: at 25C

L1880219-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1880219-02 07/31/25 21:40 • (DUP) R4252306-3 07/31/25 21:40

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Specific Conductance	umhos/cm	umhos/cm		%		%
	578	575	1	0.520		20

Sample Narrative:

OS: at 25C

DUP: at 25C

L1880841-08 Original Sample (OS) • Duplicate (DUP)

(OS) L1880841-08 07/31/25 21:40 • (DUP) R4252306-4 07/31/25 21:40

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Specific Conductance	umhos/cm	umhos/cm		%		%
	517	516	1	0.194		20

Sample Narrative:

OS: at 25C

DUP: at 25C

Laboratory Control Sample (LCS)

(LCS) R4252306-2 07/31/25 21:40

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Specific Conductance	umhos/cm	umhos/cm	%	%	
	581	545	93.8	90.0-110	

Sample Narrative:

LCS: at 25C



Method Blank (MB)

(MB) R4252269-1 07/31/25 17:50

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
Specific Conductance	ND		10.0	10.0

Sample Narrative:

BLANK: at 25C

L1880233-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1880233-01 07/31/25 17:50 • (DUP) R4252269-3 07/31/25 17:50

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Specific Conductance	49.0	48.9	1	0.204		20

Sample Narrative:

OS: at 25C

DUP: at 25C

Laboratory Control Sample (LCS)

(LCS) R4252269-2 07/31/25 17:50

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Specific Conductance	581	567	97.6	90.0-110	

Sample Narrative:

LCS: at 25C

<sup>1</sup>Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

<sup>4</sup>Cn

<sup>5</sup>Sr

<sup>6</sup>Qc

<sup>7</sup>Gl

<sup>8</sup>Al

<sup>9</sup>Sc

Method Blank (MB)

(MB) R4251263-1 07/29/25 18:28

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Hot Water Sol. Boron	ND		0.0199	0.100

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

(LCS) R4251263-2 07/29/25 18:31 • (LCSD) R4251263-3 07/29/25 18:34

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Hot Water Sol. Boron	1.00	0.931	0.919	93.1	91.9	80.0-120			1.32	20

- <sup>1</sup> Cp
- <sup>2</sup> Tc
- <sup>3</sup> Ss
- <sup>4</sup> Cn
- <sup>5</sup> Sr
- <sup>6</sup> Qc
- <sup>7</sup> Gl
- <sup>8</sup> Al
- <sup>9</sup> Sc

Method Blank (MB)

(MB) R4257542-1 08/12/25 14:41

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Arsenic	ND		0.100	0.100
Barium	ND		10.0	10.0
Cadmium	ND		0.100	0.100
Copper	ND		10.0	10.0
Lead	ND		10.0	10.0
Nickel	ND		10.0	10.0
Selenium	ND		0.100	0.100
Silver	ND		0.500	0.500
Zinc	ND		50.0	50.0

<sup>1</sup>Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

<sup>4</sup>Cn

<sup>5</sup>Sr

<sup>6</sup>Qc

Laboratory Control Sample (LCS)

(LCS) R4257542-2 08/12/25 14:44

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Arsenic	100	103	103	80.0-120	
Barium	100	99.6	99.6	80.0-120	
Cadmium	100	106	106	80.0-120	
Copper	100	104	104	80.0-120	
Lead	100	103	103	80.0-120	
Nickel	100	107	107	80.0-120	
Selenium	100	101	101	80.0-120	
Silver	20.0	20.9	104	80.0-120	
Zinc	100	103	103	80.0-120	

<sup>7</sup>Gl

<sup>8</sup>Al

<sup>9</sup>Sc

L1880841-10 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1880841-10 08/12/25 14:47 • (MS) R4257542-5 08/12/25 14:56 • (MSD) R4257542-6 08/12/25 15:00

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Arsenic	100	4.54	107	107	102	103	5	75.0-125			0.427	20
Barium	100	107	196	343	88.5	235	5	75.0-125		J3 J5	54.6	20
Cadmium	100	0.130	107	110	107	110	5	75.0-125			3.25	20
Copper	100	ND	114	114	114	114	5	75.0-125			0.114	20
Lead	100	ND	109	113	109	113	5	75.0-125			3.58	20
Nickel	100	ND	117	118	117	118	5	75.0-125			0.979	20
Selenium	100	0.907	106	107	106	107	5	75.0-125			0.892	20
Silver	20.0	ND	20.5	21.3	102	106	5	75.0-125			3.87	20
Zinc	100	ND	136	140	136	140	5	75.0-125	J5	J5	2.51	20

Method Blank (MB)

(MB) R4250803-3 07/25/25 04:12

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
TPH (GC/FID) Low Fraction	ND		2.00	2.50
<sup>(S)</sup> a,a,a-Trifluorotoluene(FID)	101			77.0-120

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

(LCS) R4250803-1 07/25/25 01:40 • (LCSD) R4250803-2 07/25/25 02:04

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
TPH (GC/FID) Low Fraction	5.00	5.05	5.16	101	103	72.0-127			2.15	20
<sup>(S)</sup> a,a,a-Trifluorotoluene(FID)				102	103	77.0-120				

L1880715-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1880715-02 07/25/25 04:36 • (MS) R4250803-4 07/25/25 12:38 • (MSD) R4250803-5 07/25/25 13:02

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
TPH (GC/FID) Low Fraction	125	ND	138	148	110	118	25	10.0-151			6.99	28
<sup>(S)</sup> a,a,a-Trifluorotoluene(FID)					101	101		77.0-120				

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R4250706-2 07/25/25 11:39

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
TPH (GC/FID) Low Fraction	ND		2.00	2.50
<sup>(S)</sup> a,a,a-Trifluorotoluene(FID)	103			77.0-120

Laboratory Control Sample (LCS)

(LCS) R4250706-1 07/25/25 10:31

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
TPH (GC/FID) Low Fraction	5.00	4.81	96.2	72.0-127	
<sup>(S)</sup> a,a,a-Trifluorotoluene(FID)			108	77.0-120	

L1880841-05 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1880841-05 07/25/25 14:38 • (MS) R4250706-3 07/25/25 20:19 • (MSD) R4250706-4 07/25/25 20:41

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
TPH (GC/FID) Low Fraction	125	ND	126	136	101	109	25	10.0-151			7.63	28
<sup>(S)</sup> a,a,a-Trifluorotoluene(FID)					106	107		77.0-120				

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R4250792-2 07/24/25 11:46

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Benzene	0.00275		0.00100	0.00100
Ethylbenzene	ND		0.0100	0.0100
Toluene	ND	U	0.0100	0.0100
1,2,4-Trimethylbenzene	ND		0.00500	0.00500
1,3,5-Trimethylbenzene	ND		0.00500	0.00500
Xylenes, Total	ND	U	0.100	0.100
(S) Toluene-d8	95.6			75.0-131
(S) 4-Bromofluorobenzene	100			67.0-138
(S) 1,2-Dichloroethane-d4	106			70.0-130

Laboratory Control Sample (LCS)

(LCS) R4250792-1 07/24/25 10:25

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	0.125	0.146	117	70.0-123	
Ethylbenzene	0.125	0.139	111	74.0-126	
Toluene	0.125	0.142	114	75.0-121	
1,2,4-Trimethylbenzene	0.125	0.137	110	70.0-126	
1,3,5-Trimethylbenzene	0.125	0.147	118	73.0-127	
Xylenes, Total	0.375	0.421	112	72.0-127	
(S) Toluene-d8			96.2	75.0-131	
(S) 4-Bromofluorobenzene			100	67.0-138	
(S) 1,2-Dichloroethane-d4			109	70.0-130	

L1880841-06 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1880841-06 07/24/25 18:44 • (MS) R4250792-3 07/24/25 22:26 • (MSD) R4250792-4 07/24/25 22:46

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Benzene	0.125	0.00115	0.0935	0.0985	73.9	77.9	1	10.0-149			5.21	37
Ethylbenzene	0.125	ND	0.0924	0.0979	73.9	78.3	1	10.0-160			5.78	38
Toluene	0.125	ND	0.0903	0.0950	72.2	76.0	1	10.0-156			5.07	38
1,2,4-Trimethylbenzene	0.125	ND	0.0917	0.0974	73.4	77.9	1	10.0-160			6.03	36
1,3,5-Trimethylbenzene	0.125	ND	0.0989	0.108	79.1	86.4	1	10.0-160			8.80	38
Xylenes, Total	0.375	ND	0.273	0.252	72.8	67.2	1	10.0-160			8.00	38
(S) Toluene-d8					95.5	95.0		75.0-131				
(S) 4-Bromofluorobenzene					99.4	99.8		67.0-138				
(S) 1,2-Dichloroethane-d4					106	104		70.0-130				



Method Blank (MB)

(MB) R4251460-2 07/29/25 11:55

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Benzene	ND		0.00100	0.00100
(S) Toluene-d8	101			75.0-131
(S) 4-Bromofluorobenzene	105			67.0-138
(S) 1,2-Dichloroethane-d4	102			70.0-130

Laboratory Control Sample (LCS)

(LCS) R4251460-1 07/29/25 10:34

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	0.125	0.108	86.4	70.0-123	
(S) Toluene-d8			102	75.0-131	
(S) 4-Bromofluorobenzene			103	67.0-138	
(S) 1,2-Dichloroethane-d4			105	70.0-130	

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R4251484-1 07/29/25 17:49

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	mg/kg		mg/kg	mg/kg
C10-C28 Diesel Range	ND		1.61	4.00
C28-C36 Motor Oil Range	0.384	J	0.274	4.00
(S) o-Terphenyl	60.4			18.0-148

Laboratory Control Sample (LCS)

(LCS) R4251484-2 07/29/25 18:03

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	mg/kg	mg/kg	%	%	
C10-C28 Diesel Range	50.0	41.4	82.8	50.0-150	
(S) o-Terphenyl			75.2	18.0-148	

L1880715-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1880715-03 07/29/25 19:27 • (MS) R4251484-3 07/29/25 19:41 • (MSD) R4251484-4 07/29/25 19:55

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	mg/kg	mg/kg	mg/kg	mg/kg	%	%		%			%	%
C10-C28 Diesel Range	49.0	8.37	51.3	45.6	87.6	76.6	1	50.0-150			11.8	20
(S) o-Terphenyl					73.9	68.8		18.0-148				

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R4251188-2 07/29/25 16:00

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acenaphthene	ND		0.0330	0.0330
Anthracene	ND		0.0330	0.0330
Benzo(a)anthracene	ND		0.00600	0.00600
Benzo(b)fluoranthene	ND		0.0330	0.0330
Benzo(k)fluoranthene	ND		0.0330	0.0330
Benzo(a)pyrene	ND		0.0330	0.0330
Chrysene	ND		0.0330	0.0330
Dibenz(a,h)anthracene	ND		0.0330	0.0330
Fluoranthene	ND		0.0330	0.0330
Fluorene	ND		0.0330	0.0330
Indeno(1,2,3-cd)pyrene	ND		0.0330	0.0330
1-Methylnaphthalene	ND		0.00300	0.00300
2-Methylnaphthalene	ND		0.0120	0.0120
Naphthalene	ND		0.00300	0.00300
Pyrene	ND		0.0330	0.0330
(S) p-Terphenyl-d14	79.9			23.0-120
(S) Nitrobenzene-d5	60.9			14.0-149
(S) 2-Fluorobiphenyl	72.4			34.0-125

<sup>1</sup>Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

<sup>4</sup>Cn

<sup>5</sup>Sr

<sup>6</sup>Qc

<sup>7</sup>Gl

<sup>8</sup>Al

<sup>9</sup>Sc

Laboratory Control Sample (LCS)

(LCS) R4251188-1 07/29/25 15:42

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acenaphthene	0.0800	0.0491	61.4	50.0-120	
Anthracene	0.0800	0.0512	64.0	50.0-126	
Benzo(a)anthracene	0.0800	0.0498	62.3	45.0-120	
Benzo(b)fluoranthene	0.0800	0.0521	65.1	42.0-121	
Benzo(k)fluoranthene	0.0800	0.0510	63.8	49.0-125	
Benzo(a)pyrene	0.0800	0.0458	57.3	42.0-120	
Chrysene	0.0800	0.0532	66.5	49.0-122	
Dibenz(a,h)anthracene	0.0800	0.0518	64.8	47.0-125	
Fluoranthene	0.0800	0.0609	76.1	49.0-129	
Fluorene	0.0800	0.0540	67.5	49.0-120	
Indeno(1,2,3-cd)pyrene	0.0800	0.0495	61.9	46.0-125	
1-Methylnaphthalene	0.0800	0.0616	77.0	51.0-121	
2-Methylnaphthalene	0.0800	0.0559	69.9	50.0-120	
Naphthalene	0.0800	0.0531	66.4	50.0-120	
Pyrene	0.0800	0.0476	59.5	43.0-123	

Laboratory Control Sample (LCS)

(LCS) R4251188-1 07/29/25 15:42

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
(S) p-Terphenyl-d14			76.7	23.0-120	
(S) Nitrobenzene-d5			64.6	14.0-149	
(S) 2-Fluorobiphenyl			72.5	34.0-125	

L1879585-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1879585-04 07/29/25 16:18 • (MS) R4251188-3 07/29/25 16:35 • (MSD) R4251188-4 07/29/25 16:53

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Acenaphthene	0.0784	ND	0.0545	0.0536	69.5	67.7	1	14.0-127			1.67	27
Anthracene	0.0784	ND	0.0556	0.0563	70.9	71.1	1	10.0-145			1.25	30
Benzo(a)anthracene	0.0784	ND	0.0562	0.0545	71.7	68.8	1	10.0-139			3.07	30
Benzo(b)fluoranthene	0.0784	ND	0.0583	0.0555	74.4	70.1	1	10.0-140			4.92	36
Benzo(k)fluoranthene	0.0784	ND	0.0548	0.0536	69.9	67.7	1	10.0-137			2.21	31
Benzo(a)pyrene	0.0784	ND	0.0568	0.0550	72.4	69.4	1	10.0-141			3.22	31
Chrysene	0.0784	ND	0.0602	0.0585	76.8	73.9	1	10.0-145			2.86	30
Dibenz(a,h)anthracene	0.0784	ND	0.0606	0.0579	77.3	73.1	1	10.0-132			4.56	31
Fluoranthene	0.0784	ND	0.0680	0.0660	86.7	83.3	1	10.0-153			2.99	33
Fluorene	0.0784	ND	0.0603	0.0613	76.9	77.4	1	11.0-130			1.64	29
Indeno(1,2,3-cd)pyrene	0.0784	ND	0.0592	0.0569	75.5	71.8	1	10.0-137			3.96	32
1-Methylnaphthalene	0.0784	ND	0.0673	0.0648	85.8	81.8	1	10.0-142			3.79	28
2-Methylnaphthalene	0.0784	ND	0.0630	0.0599	80.4	75.6	1	10.0-137			5.04	28
Naphthalene	0.0784	ND	0.0603	0.0593	76.9	74.9	1	10.0-135			1.67	27
Pyrene	0.0784	ND	0.0529	0.0509	67.5	64.3	1	10.0-148			3.85	35
(S) p-Terphenyl-d14					84.3	86.2		23.0-120				
(S) Nitrobenzene-d5					81.3	75.2		14.0-149				
(S) 2-Fluorobiphenyl					83.4	85.7		34.0-125				

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

# GLOSSARY OF TERMS

## Guide to Reading and Understanding Your Laboratory Report

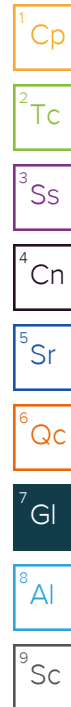
The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

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### Abbreviations and Definitions

MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	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.
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.
U (Radiochemistry)	Result + Error < MDA.
J (Radiochemistry)	Result < MDA; Result + Error > MDA.
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
B	The same analyte is found in the associated blank.
J	The identification of the analyte is acceptable; the reported value is an estimate.
J3	The associated batch QC was outside the established quality control range for precision.
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.
P1	RPD value not applicable for sample concentrations less than 5 times the reporting limit.



# 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 <sup>1</sup>	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina <sup>1</sup>	DW21704
Georgia	NELAP	North Carolina <sup>3</sup>	41
Georgia <sup>1</sup>	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 <sup>1,6</sup>	KY90010	South Carolina	84004002
Kentucky <sup>2</sup>	16	South Dakota	n/a
Louisiana	AI30792	Tennessee <sup>1,4</sup>	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas <sup>5</sup>	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 <sup>5</sup>	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA-Crypto	TN00003		

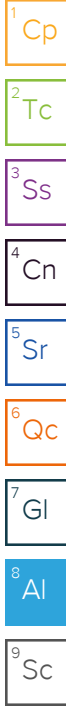
## Pace Analytical National 6000 South Eastern Avenue Ste 9A Las Vegas, NV 89119

Nevada	NV009412021-1
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<sup>1</sup> Drinking Water <sup>2</sup> Underground Storage Tanks <sup>3</sup> Aquatic Toxicity <sup>4</sup> Chemical/Microbiological <sup>5</sup> Mold <sup>6</sup> 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.



Company Name/Address:

**Civitas - CO**  
6855 W 118th Ave  
Broomfield, CO 80020

Billing Information:

**Accounts Payable**  
650 Southgate Dr  
Windsor, CO 80550

Pres  
Chk

Analysis / Container / Preservative

Chain of Custody Page 1 of 1



12065 Lebanon Rd Mount Juliet, TN 37122  
Phone: 615-758-5858 Alt: 800-767-5859

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: <https://info.pacelabs.com/hubs/pas-standard-terms.pdf>

SDG # 1880841  
**J185**

Acctnum:

Template:

Prelogin:

PM:

PB:

Shipped Via:

Report to:

Jacob Evans, Tanna Lyon

Email To: jevans@civitasresources.com

tyon@ensolum.com

Project Description:

Gordon 13-14

City/State:

CO

Please Circle:

PT MT CT ET

Phone:

20-885-0684

Client Project #

04C2407089

Lab Project #

Collected by (print):

Elio Gorua

Site/Facility ID #

P.O. #

Collected by (signature):

**Rush?** (Lab MUST Be Notified)

\_\_\_ Same Day \_\_\_ Five Day  
\_\_\_ Next Day \_\_\_ 5 Day (Rad Only)  
\_\_\_ Two Day \_\_\_ 10 Day (Rad Only)  
\_\_\_ Three Day

Quote #

Date Results Needed

**Standard TAT**

Immediately

Packed on Ice N \_\_\_ Y

No.  
of  
Cntrs

Full 915-1

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	Remarks	Sample # (lab only)
B01e10'	Grab	SS	10	7/21/25	0853	3	X	-01
B02e10'			10		0856			-02
N01e8'			8		0859			-03
N02e8'					0902			-04
N03e8'					0905			-05
E01e8'					0908			-06
S01e8'					0911			-07
S02e8'					0914			-08
S03e8'					0917			-09
W01e8'					0920			-10

\* Matrix:  
SS - Soil AIR - Air F - Filter  
GW - Groundwater B - Bioassay  
WW - WasteWater  
DW - Drinking Water  
OT - Other

Remarks:

Samples returned via:  
\_\_\_ UPS \_\_\_ FedEx \_\_\_ Courier

Tracking #

pH \_\_\_\_\_ Temp \_\_\_\_\_

Flow \_\_\_\_\_ Other \_\_\_\_\_

Sample Receipt Checklist

COC Seal Present/Intact: \_\_\_ NP \_\_\_ N  
COC Signed/Accurate: \_\_\_ N \_\_\_ N  
Bottles arrive intact: \_\_\_ N \_\_\_ N  
Correct bottles used: \_\_\_ N \_\_\_ N  
Sufficient volume sent: \_\_\_ N \_\_\_ N  
If Applicable  
VOA Zero Headpace: \_\_\_ Y \_\_\_ N  
Preservation Correct/Checked: \_\_\_ Y \_\_\_ N  
RAD Screen <0.5 mR/hr: \_\_\_ Y \_\_\_ N

Relinquished by: (Signature)

[Signature]

Date:

7/21/25

Time:

1502

Received by: (Signature)

[Signature]

Trip Blank Received: Yes/No

HCL / MeOH  
TBR

Relinquished by: (Signature)

[Signature]

Date:

7/21/25

Time:

1600

Received by: (Signature)

[Signature]

Temp: °C Bottles Received:

45

If preservation required by Login: Date/Time

Relinquished by: (Signature)

[Signature]

Date:

7/22/25

Time:

0800

Received for lab by: (Signature)

[Signature]

Date: Time:

7/22/25 0800

Hold:

Condition:

NCF  OK

