

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

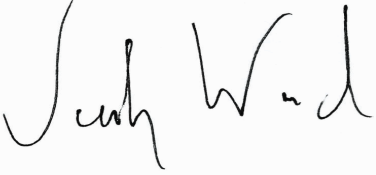
November 03, 2023

Dennis Horner
Industrial Gas Services
5862 McIntyre Ct.
Golden, CO 80403

RE: Behring 1
Work Order #2310410

Enclosed are the results of analyses for samples received by Summit Scientific on 10/20/23 12:25. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Jacob Wood". The signature is written in a cursive, flowing style.

Jacob Wood For Paul Shrewsbury
President



Industrial Gas Services
5862 McIntyre Ct.
Golden CO, 80403

Project: Behring 1
Project Number: [none]
Project Manager: Dennis Horner

Reported:
11/03/23 09:44

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
WH Flowline 1-3'	2310410-01	Soil	10/19/23 17:00	10/20/23 12:25
WH Flowline 2-3'	2310410-02	Soil	10/19/23 17:05	10/20/23 12:25

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

SUMMIT SCIENTIFIC

4653 Table Mountain Drive
Golden, CO 80403
303-277-9310

Lab ID	Page 1 of 1
2310410	

Client: Industrial Gas Services, Inc.				Send Data To: Project Manager: Dennis Horner / Brian Humphrey				Send Invoice To: Company: IGS																			
Address: 5802 McIntyre Ct				E-Mail: igsinc@att.net				Project Name/Location: Behring I																			
City/State/Zip: Golden, CO 80403				bhumphrey@cgrs.com				AFE#:																			
Phone:				Project Name: Behring I				PO/Billing Codes:																			
Sampler Name: Dennis Horner				Project Number:				Contact: Dennis Horner / Brian Humphrey																			
				Preservative				Matrix				Analysis Requested				Special Instructions											
ID	Sample Description	Date Sampled	Time Sampled	# of containers	HCl	HNO3	None	Other Ice	Water	Soil	Air-Canister #	Other	Table 915-1														
1	WH Flowline 1-3	10/19/23	17:00	2				X		X			X														
2	WH Flowline 2-3	10/19/23	17:05	2				X		X			X														
3																											
4																											
5																											
6																											
7																											
8																											
9																											
10																											
11																											
12																											
13																											
14																											
15																											
Relinquished by: Dennis Horner				Date/Time: 10/20/23 12:25				Received by: [Signature]				Date/Time: 10/20/23 12:25				TAT Business Days				Field DO				Notes:			
Relinquished by:				Date/Time:				Received by:				Date/Time:				Same Day				Field EC							
																1 Day				Field ORP							
																2 Days				Field pH							
																3 Days				Field Temp.							
Relinquished by:				Date/Time:				Received by:				Date/Time:				Standard				X Field Turb.							
Temperature Upon Receipt: 12.6				Corrected Temperature				IR gun #: 2				HNO3 lot #:															

S₂

Sample Receipt Checklist

S2 Work Order# 2310410Client: Industrial Gas Services Client Project ID: Behring 1Shipped Via: H.D./P.U./FedEx/UPS/USPS/Other ☐ Airbill #: ☐

X				
---	--	--	--	--

Matrix (Check all that apply) Air ☐ Soil/Solid ☒ Water ☐ Other ☐Temp (°C) 126Thermometer # 2

	Yes	No	N/A	Comments (if any)
If samples require cooling, is the temperature < 6°C? ⁽¹⁾ NOTE: If samples are delivered the same day of sampling, this requirement is met if there is evidence that cooling has begun.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	On ice
If custody seals are present, are they intact? ⁽¹⁾	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Are samples due within 48 hours present?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Are water samples with short hold times present? Note the short hold analysis in the comments column - pH, Nitrate/Nitrite, Ferrous Iron (Fe ²⁺), Hexavalent Chromium (Cr ⁶⁺ , Cr VI), COD/BOD, Total Coliform, E. Coli, Total Residual Chlorine (TRC), Dissolved Oxygen	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Is a chain-of-custody (COC) form present and filled out Completely? ⁽¹⁾	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Is the COC properly relinquished by the client w/ date and time recorded? ⁽¹⁾	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Were all samples received intact? ⁽¹⁾	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Was adequate sample volume provided? ⁽¹⁾	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Does the COC agree with the number and type of sample bottles received? ⁽¹⁾	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Do the sample IDs on the bottle labels match the COC? ⁽¹⁾	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
For volatiles in water – is there headspace present? If yes, contact client and note in narrative.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Are samples preserved that require preservation (excluding cooling)? ⁽¹⁾ Note the type of preservative in the comments column – HCl, H ₂ SO ₄ , NaOH, HNO ₃ , etc.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
If samples are acid preserved for metals, is the pH ≤ 2? ⁽¹⁾ Record the pH in Comments.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
If dissolved metals are requested, were samples field filtered?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Additional Comments (if any):				

⁽¹⁾ If NO, then contact the client before proceeding with analysis and note in case narrative.

MM

Custodian Printed Name

10/20/23 12:25

Date/Time



Industrial Gas Services
5862 McIntyre Ct.
Golden CO, 80403

Project: Behring 1
Project Number: [none]
Project Manager: Dennis Horner

Reported:
11/03/23 09:44

WH Flowline 1-3'
2310410-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **10/19/23 17:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	0.0020	mg/kg	1	BGJ0905	10/23/23	10/24/23	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
Naphthalene	ND	0.0038	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **10/19/23 17:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4	0.0426	107 %	50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0356	89.1 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.0371	92.8 %	50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **10/19/23 17:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
C10-C28 (DRO)	ND	50	mg/kg	1	BGJ0908	10/23/23	10/23/23	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **10/19/23 17:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: o-Terphenyl	13.5	108 %	30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Industrial Gas Services
5862 McIntyre Ct.
Golden CO, 80403

Project: Behring 1
Project Number: [none]
Project Manager: Dennis Horner

Reported:
11/03/23 09:44

WH Flowline 1-3'
2310410-01 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **10/19/23 17:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Acenaphthene	ND	0.00500	mg/kg	1	BGJ0863	10/23/23	10/23/23	EPA 8270D SIM	
Anthracene	ND	0.00500	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.00500	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.00500	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.00500	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.00500	"	"	"	"	"	"	
Chrysene	ND	0.00500	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.00500	"	"	"	"	"	"	
Fluoranthene	ND	0.00500	"	"	"	"	"	"	
Fluorene	ND	0.00500	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.00500	"	"	"	"	"	"	
Pyrene	ND	0.00500	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **10/19/23 17:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 2-Methylnaphthalene-d10	0.0243	72.8 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10	0.0261	78.4 %	40-150		"	"	"	"	

Total Metals by EPA 6020B Hot Water Soluble Extraction

Date Sampled: **10/19/23 17:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Boron	ND	2.00	mg/L	1	BGJ1006	10/25/23	10/31/23	EPA 6020B	

Total Metals by EPA 6020B

Date Sampled: **10/19/23 17:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Industrial Gas Services
5862 McIntyre Ct.
Golden CO, 80403

Project: Behring 1
Project Number: [none]
Project Manager: Dennis Horner

Reported:
11/03/23 09:44

WH Flowline 1-3'
2310410-01 (Soil)

Summit Scientific

Total Metals by EPA 6020B

Arsenic	1.50	0.200	mg/kg dry	1	BGJ1172	10/30/23	11/02/23	EPA 6020B
Barium	50.4	0.400	"	"	"	"	"	"
Cadmium	ND	0.200	"	"	"	"	"	"
Copper	2.17	0.400	"	"	"	"	"	"
Lead	5.27	0.200	"	"	"	"	"	"
Nickel	2.22	0.400	"	"	"	"	"	"
Silver	0.0301	0.0200	"	"	"	"	"	"
Zinc	8.48	0.400	"	"	"	"	"	"
Selenium	ND	0.260	"	"	"	"	"	"

Hexavalent Chromium by EPA Method 7196

Date Sampled: **10/19/23 17:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chromium, Hexavalent	ND	0.30	mg/kg dry	1	BGJ0937	10/24/23	10/24/23	EPA 7196A	

Soluble Nutrients by EPA 6020/USDA60 6(2) - Saturated Paste Extraction

Date Sampled: **10/19/23 17:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Calcium	43.0	0.0500	mg/L dry	1	BGJ1086	10/26/23	10/31/23	EPA 6020B	
Magnesium	9.78	0.0500	"	"	"	"	"	"	
Sodium	2.39	0.0500	"	"	"	"	"	"	

Calculated Analysis

Date Sampled: **10/19/23 17:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	0.0856	0.00100	units	1	BGK0018	11/01/23	11/01/23	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Industrial Gas Services
5862 McIntyre Ct.
Golden CO, 80403

Project: Behring 1
Project Number: [none]
Project Manager: Dennis Horner

Reported:
11/03/23 09:44

WH Flowline 1-3'
2310410-01 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **10/19/23 17:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	89.0		%	1	BGJ1136	10/27/23	10/27/23	Calculation	

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: **10/19/23 17:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	0.0898	0.0100	mmhos/cm	1	BGJ1105	10/27/23	10/30/23	EPA 120.1	

Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction

Date Sampled: **10/19/23 17:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
pH	8.55		pH Units	1	BGJ1103	10/27/23	10/30/23	EPA 9045D	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Industrial Gas Services
5862 McIntyre Ct.
Golden CO, 80403

Project: Behring 1
Project Number: [none]
Project Manager: Dennis Horner

Reported:
11/03/23 09:44

WH Flowline 2-3'
2310410-02 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **10/19/23 17:05**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	BGJ0905	10/23/23	10/24/23	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
Naphthalene	ND	0.0038	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **10/19/23 17:05**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4	0.0441	110 %	50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0368	92.0 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.0371	92.8 %	50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **10/19/23 17:05**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	BGJ0908	10/23/23	10/23/23	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **10/19/23 17:05**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl	7.48	59.8 %	30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Industrial Gas Services
5862 McIntyre Ct.
Golden CO, 80403

Project: Behring 1
Project Number: [none]
Project Manager: Dennis Horner

Reported:
11/03/23 09:44

WH Flowline 2-3'
2310410-02 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **10/19/23 17:05**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Acenaphthene	ND	0.00500	mg/kg	1	BGJ0863	10/23/23	10/23/23	EPA 8270D SIM	
Anthracene	ND	0.00500	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.00500	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.00500	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.00500	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.00500	"	"	"	"	"	"	
Chrysene	ND	0.00500	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.00500	"	"	"	"	"	"	
Fluoranthene	ND	0.00500	"	"	"	"	"	"	
Fluorene	ND	0.00500	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.00500	"	"	"	"	"	"	
Pyrene	ND	0.00500	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **10/19/23 17:05**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 2-Methylnaphthalene-d10	0.0233	69.9 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10	0.0250	74.9 %	40-150		"	"	"	"	

Total Metals by EPA 6020B Hot Water Soluble Extraction

Date Sampled: **10/19/23 17:05**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Boron	ND	2.00	mg/L	1	BGJ1006	10/25/23	10/31/23	EPA 6020B	

Total Metals by EPA 6020B

Date Sampled: **10/19/23 17:05**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Industrial Gas Services
5862 McIntyre Ct.
Golden CO, 80403

Project: Behring 1
Project Number: [none]
Project Manager: Dennis Horner

Reported:
11/03/23 09:44

WH Flowline 2-3'
2310410-02 (Soil)

Summit Scientific

Total Metals by EPA 6020B

Arsenic	2.29	0.200	mg/kg dry	1	BGJ1172	10/30/23	11/03/23	EPA 6020B
Barium	43.7	0.400	"	"	"	"	"	"
Cadmium	ND	0.200	"	"	"	"	"	"
Copper	2.63	0.400	"	"	"	"	"	"
Lead	4.47	0.200	"	"	"	"	"	"
Nickel	3.57	0.400	"	"	"	"	"	"
Silver	ND	0.0200	"	"	"	"	"	"
Zinc	13.2	0.400	"	"	"	"	"	"
Selenium	ND	0.260	"	"	"	"	"	"

Hexavalent Chromium by EPA Method 7196

Date Sampled: **10/19/23 17:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chromium, Hexavalent	ND	0.30	mg/kg dry	1	BGJ0937	10/24/23	10/24/23	EPA 7196A	

Soluble Nutrients by EPA 6020/USDA60 6(2) - Saturated Paste Extraction

Date Sampled: **10/19/23 17:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Calcium	28.8	0.0500	mg/L dry	1	BGJ1086	10/26/23	10/31/23	EPA 6020B	
Magnesium	9.90	0.0500	"	"	"	"	"	"	
Sodium	5.04	0.0500	"	"	"	"	"	"	

Calculated Analysis

Date Sampled: **10/19/23 17:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	0.207	0.00100	units	1	BGK0018	11/01/23	11/01/23	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Industrial Gas Services
5862 McIntyre Ct.
Golden CO, 80403

Project: Behring 1
Project Number: [none]
Project Manager: Dennis Horner

Reported:
11/03/23 09:44

WH Flowline 2-3'
2310410-02 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **10/19/23 17:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	93.6		%	1	BGJ1136	10/27/23	10/27/23	Calculation	

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: **10/19/23 17:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	0.128	0.0100	mmhos/cm	1	BGJ1105	10/27/23	10/30/23	EPA 120.1	

Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction

Date Sampled: **10/19/23 17:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
pH	8.69		pH Units	1	BGJ1103	10/27/23	10/30/23	EPA 9045D	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Industrial Gas Services
5862 McIntyre Ct.
Golden CO, 80403

Project: Behring 1
Project Number: [none]
Project Manager: Dennis Horner

Reported:
11/03/23 09:44

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Summit Scientific

Analyte	Reporting			Spike	Source		%REC		RPD	
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Batch BGJ0905 - EPA 5030 Soil MS

Blank (BGJ0905-BLK1)

Prepared & Analyzed: 10/23/23

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
1,2,4-Trimethylbenzene	ND	0.0050	"							
1,3,5-Trimethylbenzene	ND	0.0050	"							
Naphthalene	ND	0.0038	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0415		"	0.0400		104	50-150			
Surrogate: Toluene-d8	0.0376		"	0.0400		93.9	50-150			
Surrogate: 4-Bromofluorobenzene	0.0368		"	0.0400		91.9	50-150			

LCS (BGJ0905-BS1)

Prepared & Analyzed: 10/23/23

Benzene	0.114	0.0020	mg/kg	0.100		114	70-130			
Toluene	0.0949	0.0050	"	0.100		94.9	70-130			
Ethylbenzene	0.103	0.0050	"	0.100		103	70-130			
m,p-Xylene	0.204	0.010	"	0.200		102	70-130			
o-Xylene	0.0967	0.0050	"	0.100		96.7	70-130			
1,2,4-Trimethylbenzene	0.0992	0.0050	"	0.100		99.2	70-130			
1,3,5-Trimethylbenzene	0.101	0.0050	"	0.100		101	70-130			
Naphthalene	0.0867	0.0038	"	0.100		86.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0430		"	0.0400		107	50-150			
Surrogate: Toluene-d8	0.0370		"	0.0400		92.5	50-150			
Surrogate: 4-Bromofluorobenzene	0.0367		"	0.0400		91.7	50-150			

Matrix Spike (BGJ0905-MS1)

Source: 2310410-01

Prepared & Analyzed: 10/23/23

Benzene	0.0990	0.0020	mg/kg	0.100	ND	99.0	70-130			
Toluene	0.0800	0.0050	"	0.100	ND	80.0	70-130			
Ethylbenzene	0.0762	0.0050	"	0.100	ND	76.2	70-130			
m,p-Xylene	0.150	0.010	"	0.200	ND	74.8	70-130			
o-Xylene	0.0720	0.0050	"	0.100	ND	72.0	70-130			
1,2,4-Trimethylbenzene	0.0944	0.0050	"	0.100	ND	94.4	70-130			
1,3,5-Trimethylbenzene	0.0944	0.0050	"	0.100	ND	94.4	70-130			
Naphthalene	0.0958	0.0038	"	0.100	ND	95.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0455		"	0.0400		114	50-150			
Surrogate: Toluene-d8	0.0376		"	0.0400		93.9	50-150			
Surrogate: 4-Bromofluorobenzene	0.0368		"	0.0400		92.0	50-150			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Industrial Gas Services
5862 McIntyre Ct.
Golden CO, 80403

Project: Behring 1
Project Number: [none]
Project Manager: Dennis Horner

Reported:
11/03/23 09:44

Volatile Organic Compounds by EPA Method 8260B - Quality Control
Summit Scientific

Analyte	Reporting			Spike	Source		%REC		RPD	
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Batch BGJ0905 - EPA 5030 Soil MS

Matrix Spike Dup (BGJ0905-MSD1)		Source: 2310410-01			Prepared & Analyzed: 10/23/23					
Benzene	0.0968	0.0020	mg/kg	0.100	ND	96.8	70-130	2.30	30	
Toluene	0.0770	0.0050	"	0.100	ND	77.0	70-130	3.90	30	
Ethylbenzene	0.0744	0.0050	"	0.100	ND	74.4	70-130	2.35	30	
m,p-Xylene	0.146	0.010	"	0.200	ND	72.9	70-130	2.60	30	
o-Xylene	0.0716	0.0050	"	0.100	ND	71.6	70-130	0.669	30	
1,2,4-Trimethylbenzene	0.0922	0.0050	"	0.100	ND	92.2	70-130	2.31	30	
1,3,5-Trimethylbenzene	0.0925	0.0050	"	0.100	ND	92.5	70-130	2.12	30	
Naphthalene	0.0914	0.0038	"	0.100	ND	91.4	70-130	4.68	30	
Surrogate: 1,2-Dichloroethane-d4		0.0459	"	0.0400		115	50-150			
Surrogate: Toluene-d8		0.0366	"	0.0400		91.4	50-150			
Surrogate: 4-Bromofluorobenzene		0.0372	"	0.0400		93.0	50-150			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Industrial Gas Services
5862 McIntyre Ct.
Golden CO, 80403

Project: Behring 1
Project Number: [none]
Project Manager: Dennis Horner

Reported:
11/03/23 09:44

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

Analyte	Reporting			Spike	Source		%REC		RPD	
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Batch BGJ0908 - EPA 3550A

Blank (BGJ0908-BLK1)

Prepared & Analyzed: 10/23/23

C10-C28 (DRO)	ND	50	mg/kg							
C28-C36 (ORO)	ND	50	"							
Surrogate: o-Terphenyl	17.8		"	12.5	143	30-150				

LCS (BGJ0908-BS1)

Prepared & Analyzed: 10/23/23

C10-C28 (DRO)	453	50	mg/kg	500	90.6	70-130				
Surrogate: o-Terphenyl	14.6		"	12.5	117	30-150				

Matrix Spike (BGJ0908-MS1)

Source: 2310410-01

Prepared & Analyzed: 10/23/23

C10-C28 (DRO)	153	50	mg/kg	500	25.5	25.5	70-130			QM-07
Surrogate: o-Terphenyl	5.85		"	12.5	46.8	30-150				

Matrix Spike Dup (BGJ0908-MSD1)

Source: 2310410-01

Prepared & Analyzed: 10/23/23

C10-C28 (DRO)	449	50	mg/kg	500	25.5	84.6	70-130	98.3	20	QR-04
Surrogate: o-Terphenyl	14.7		"	12.5	118	30-150				

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Industrial Gas Services
5862 McIntyre Ct.
Golden CO, 80403

Project: Behring 1
Project Number: [none]
Project Manager: Dennis Horner

Reported:
11/03/23 09:44

PAH by EPA Method 8270D SIM - Quality Control

Summit Scientific

Analyte	Reporting			Spike		Source		%REC		RPD	
	Result	Limit	Units	Level		Result		%REC	Limits	RPD	Limit

Batch BGJ0863 - EPA 5030 Soil MS

Blank (BGJ0863-BLK1)

Prepared & Analyzed: 10/23/23

Acenaphthene	ND	0.00500	mg/kg								
Anthracene	ND	0.00500	"								
Benzo (a) anthracene	ND	0.00500	"								
Benzo (a) pyrene	ND	0.00500	"								
Benzo (b) fluoranthene	ND	0.00500	"								
Benzo (k) fluoranthene	ND	0.00500	"								
Chrysene	ND	0.00500	"								
Dibenz (a,h) anthracene	ND	0.00500	"								
Fluoranthene	ND	0.00500	"								
Fluorene	ND	0.00500	"								
Indeno (1,2,3-cd) pyrene	ND	0.00500	"								
Pyrene	ND	0.00500	"								
1-Methylnaphthalene	ND	0.00500	"								
2-Methylnaphthalene	ND	0.00500	"								
Surrogate: 2-Methylnaphthalene-d10	0.0320		"	0.0333		96.0		40-150			
Surrogate: Fluoranthene-d10	0.0323		"	0.0333		97.0		40-150			

LCS (BGJ0863-BS1)

Prepared & Analyzed: 10/23/23

Acenaphthene	0.0306	0.00500	mg/kg	0.0333		91.8		31-137			
Anthracene	0.0295	0.00500	"	0.0333		88.4		30-120			
Benzo (a) anthracene	0.0289	0.00500	"	0.0333		86.8		30-120			
Benzo (a) pyrene	0.0287	0.00500	"	0.0333		86.1		30-120			
Benzo (b) fluoranthene	0.0297	0.00500	"	0.0333		89.0		30-120			
Benzo (k) fluoranthene	0.0296	0.00500	"	0.0333		88.8		30-120			
Chrysene	0.0308	0.00500	"	0.0333		92.3		30-120			
Dibenz (a,h) anthracene	0.0283	0.00500	"	0.0333		85.0		30-120			
Fluoranthene	0.0299	0.00500	"	0.0333		89.8		30-120			
Fluorene	0.0317	0.00500	"	0.0333		95.2		30-120			
Indeno (1,2,3-cd) pyrene	0.0290	0.00500	"	0.0333		87.1		30-120			
Pyrene	0.0304	0.00500	"	0.0333		91.2		35-142			
1-Methylnaphthalene	0.0314	0.00500	"	0.0333		94.1		35-142			
2-Methylnaphthalene	0.0305	0.00500	"	0.0333		91.6		35-142			
Surrogate: 2-Methylnaphthalene-d10	0.0313		"	0.0333		93.8		40-150			
Surrogate: Fluoranthene-d10	0.0303		"	0.0333		90.8		40-150			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Industrial Gas Services
5862 McIntyre Ct.
Golden CO, 80403

Project: Behring 1
Project Number: [none]
Project Manager: Dennis Horner

Reported:
11/03/23 09:44

PAH by EPA Method 8270D SIM - Quality Control

Summit Scientific

Analyte	Reporting			Spike Level	Source		%REC		RPD	
	Result	Limit	Units		Result	%REC	Limits	RPD	Limit	Notes

Batch BGJ0863 - EPA 5030 Soil MS

Matrix Spike (BGJ0863-MS1)

Source: 2310112-02

Prepared & Analyzed: 10/23/23

Acenaphthene	0.0238	0.00500	mg/kg	0.0333	ND	71.3	31-137		
Anthracene	0.0210	0.00500	"	0.0333	ND	62.9	30-120		
Benzo (a) anthracene	0.0208	0.00500	"	0.0333	ND	62.5	30-120		
Benzo (a) pyrene	0.0182	0.00500	"	0.0333	ND	54.7	30-120		
Benzo (b) fluoranthene	0.0185	0.00500	"	0.0333	ND	55.5	30-120		
Benzo (k) fluoranthene	0.0203	0.00500	"	0.0333	ND	61.0	30-120		
Chrysene	0.0214	0.00500	"	0.0333	ND	64.3	30-120		
Dibenz (a,h) anthracene	0.0170	0.00500	"	0.0333	ND	51.0	30-120		
Fluoranthene	0.0235	0.00500	"	0.0333	ND	70.5	30-120		
Fluorene	0.0228	0.00500	"	0.0333	ND	68.4	30-120		
Indeno (1,2,3-cd) pyrene	0.0170	0.00500	"	0.0333	ND	51.0	30-120		
Pyrene	0.0205	0.00500	"	0.0333	ND	61.6	35-142		
1-Methylnaphthalene	0.0224	0.00500	"	0.0333	ND	67.2	15-130		
2-Methylnaphthalene	0.0219	0.00500	"	0.0333	ND	65.7	15-130		
Surrogate: 2-Methylnaphthalene-d10	0.0232		"	0.0333		69.5	40-150		
Surrogate: Fluoranthene-d10	0.0238		"	0.0333		71.5	40-150		

Matrix Spike Dup (BGJ0863-MSD1)

Source: 2310112-02

Prepared & Analyzed: 10/23/23

Acenaphthene	0.0273	0.00500	mg/kg	0.0333	ND	81.8	31-137	13.7	30
Anthracene	0.0226	0.00500	"	0.0333	ND	67.8	30-120	7.50	30
Benzo (a) anthracene	0.0225	0.00500	"	0.0333	ND	67.6	30-120	7.77	30
Benzo (a) pyrene	0.0193	0.00500	"	0.0333	ND	58.0	30-120	5.79	30
Benzo (b) fluoranthene	0.0192	0.00500	"	0.0333	ND	57.7	30-120	3.82	30
Benzo (k) fluoranthene	0.0206	0.00500	"	0.0333	ND	61.8	30-120	1.39	30
Chrysene	0.0223	0.00500	"	0.0333	ND	67.0	30-120	4.01	30
Dibenz (a,h) anthracene	0.0179	0.00500	"	0.0333	ND	53.8	30-120	5.36	30
Fluoranthene	0.0241	0.00500	"	0.0333	ND	72.4	30-120	2.59	30
Fluorene	0.0234	0.00500	"	0.0333	ND	70.1	30-120	2.43	30
Indeno (1,2,3-cd) pyrene	0.0181	0.00500	"	0.0333	ND	54.4	30-120	6.36	30
Pyrene	0.0220	0.00500	"	0.0333	ND	65.9	35-142	6.73	30
1-Methylnaphthalene	0.0224	0.00500	"	0.0333	ND	67.3	15-130	0.134	50
2-Methylnaphthalene	0.0224	0.00500	"	0.0333	ND	67.2	15-130	2.23	50
Surrogate: 2-Methylnaphthalene-d10	0.0221		"	0.0333		66.3	40-150		
Surrogate: Fluoranthene-d10	0.0244		"	0.0333		73.1	40-150		

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Industrial Gas Services
5862 McIntyre Ct.
Golden CO, 80403

Project: Behring 1
Project Number: [none]
Project Manager: Dennis Horner

Reported:
11/03/23 09:44

Total Metals by EPA 6020B Hot Water Soluble Extraction - Quality Control
Summit Scientific

Analyte	Reporting			Spike	Source		%REC		RPD	
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Batch BGJ1006 - EPA 3050B

Blank (BGJ1006-BLK1)

Prepared: 10/25/23 Analyzed: 10/31/23

Boron ND 2.00 mg/L

LCS (BGJ1006-BS1)

Prepared: 10/25/23 Analyzed: 10/31/23

Boron 4.96 2.00 mg/L 5.00 99.2 80-120

Duplicate (BGJ1006-DUP1)

Source: 2310385-01

Prepared: 10/25/23 Analyzed: 10/31/23

Boron 0.0468 2.00 mg/L 0.0546 15.2 20

Matrix Spike (BGJ1006-MS1)

Source: 2310385-01

Prepared: 10/25/23 Analyzed: 10/31/23

Boron 5.14 2.00 mg/L 5.00 0.0546 102 75-125

Matrix Spike Dup (BGJ1006-MSD1)

Source: 2310385-01

Prepared: 10/25/23 Analyzed: 10/31/23

Boron 4.80 2.00 mg/L 5.00 0.0546 94.9 75-125 6.75 25

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Industrial Gas Services
5862 McIntyre Ct.
Golden CO, 80403

Project: Behring 1
Project Number: [none]
Project Manager: Dennis Horner

Reported:
11/03/23 09:44

Total Metals by EPA 6020B - Quality Control
Summit Scientific

Analyte	Reporting			Spike	Source		%REC		RPD	
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Batch BGJ1172 - EPA 3050B

Blank (BGJ1172-BLK1)

Prepared: 10/30/23 Analyzed: 11/02/23

Arsenic	ND	0.200	mg/kg wet
Barium	ND	0.400	"
Cadmium	ND	0.200	"
Copper	ND	0.400	"
Lead	ND	0.200	"
Nickel	ND	0.400	"
Silver	ND	0.0200	"
Zinc	ND	0.400	"
Selenium	ND	0.260	"

LCS (BGJ1172-BS1)

Prepared: 10/30/23 Analyzed: 11/02/23

Arsenic	40.0	0.200	mg/kg wet	40.0	99.9	80-120
Barium	35.0	0.400	"	40.0	87.6	80-120
Cadmium	1.76	0.200	"	2.00	87.8	80-120
Copper	43.2	0.400	"	40.0	108	80-120
Lead	18.6	0.200	"	20.0	92.9	80-120
Nickel	43.1	0.400	"	40.0	108	80-120
Silver	1.74	0.0200	"	2.00	87.2	80-120
Zinc	40.5	0.400	"	40.0	101	80-120
Selenium	4.29	0.260	"	4.00	107	80-120

Duplicate (BGJ1172-DUP1)

Source: 2310410-01

Prepared: 10/30/23 Analyzed: 11/02/23

Arsenic	1.30	0.200	mg/kg dry	1.50	14.0	20	QR-01
Barium	43.6	0.400	"	50.4	14.6	20	
Cadmium	0.0930	0.200	"	0.122	26.8	20	
Copper	1.84	0.400	"	2.17	16.6	20	
Lead	4.79	0.200	"	5.27	9.36	20	
Nickel	2.13	0.400	"	2.22	4.05	20	QR-01
Silver	0.0144	0.0200	"	0.0301	70.7	20	
Zinc	8.21	0.400	"	8.48	3.23	20	
Selenium	ND	0.260	"	ND		20	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Industrial Gas Services
5862 McIntyre Ct.
Golden CO, 80403

Project: Behring 1
Project Number: [none]
Project Manager: Dennis Horner

Reported:
11/03/23 09:44

Total Metals by EPA 6020B - Quality Control
Summit Scientific

Analyte	Reporting			Spike	Source		%REC		RPD	
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Batch BGJ1172 - EPA 3050B

Matrix Spike (BGJ1172-MS1)

Source: 2310410-01

Prepared: 10/30/23 Analyzed: 11/02/23

Arsenic	20.4	0.200	mg/kg dry	45.0	1.50	42.1	75-125			QM-07
Barium	95.2	0.400	"	45.0	50.4	99.5	75-125			
Cadmium	2.35	0.200	"	2.25	0.122	99.3	75-125			
Copper	23.2	0.400	"	45.0	2.17	46.8	75-125			QM-07
Lead	27.8	0.200	"	22.5	5.27	100	75-125			
Nickel	23.7	0.400	"	45.0	2.22	47.9	75-125			QM-07
Silver	2.14	0.0200	"	2.25	0.0301	94.0	75-125			
Zinc	28.4	0.400	"	45.0	8.48	44.4	75-125			QM-07
Selenium	5.26	0.260	"	4.50	ND	117	75-125			

Matrix Spike Dup (BGJ1172-MSD1)

Source: 2310410-01

Prepared: 10/30/23 Analyzed: 11/02/23

Arsenic	19.8	0.200	mg/kg dry	45.0	1.50	40.7	75-125	3.16	25	QM-07
Barium	86.5	0.400	"	45.0	50.4	80.2	75-125	9.56	25	
Cadmium	2.10	0.200	"	2.25	0.122	88.1	75-125	11.4	25	
Copper	22.4	0.400	"	45.0	2.17	44.9	75-125	3.65	25	QM-07
Lead	25.2	0.200	"	22.5	5.27	88.5	75-125	10.1	25	
Nickel	22.9	0.400	"	45.0	2.22	46.0	75-125	3.67	25	QM-07
Silver	1.95	0.0200	"	2.25	0.0301	85.5	75-125	9.34	25	
Zinc	27.7	0.400	"	45.0	8.48	42.8	75-125	2.57	25	QM-07
Selenium	5.21	0.260	"	4.50	ND	116	75-125	0.996	25	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Industrial Gas Services
5862 McIntyre Ct.
Golden CO, 80403

Project: Behring 1
Project Number: [none]
Project Manager: Dennis Horner

Reported:
11/03/23 09:44

Hexavalent Chromium by EPA Method 7196 - Quality Control
Summit Scientific

Analyte	Reporting			Spike	Source		%REC		RPD	
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Batch BGJ0937 - 3060A Mod

Blank (BGJ0937-BLK1)

Prepared & Analyzed: 10/24/23

Chromium, Hexavalent ND 0.30 mg/kg wet

LCS (BGJ0937-BS1)

Prepared & Analyzed: 10/24/23

Chromium, Hexavalent 23.8 0.30 mg/kg wet 25.0 95.4 80-120

Duplicate (BGJ0937-DUP1)

Source: 2310351-01

Prepared & Analyzed: 10/24/23

Chromium, Hexavalent ND 0.30 mg/kg dry ND 20

Matrix Spike (BGJ0937-MS1)

Source: 2310351-01

Prepared & Analyzed: 10/24/23

Chromium, Hexavalent 25.8 0.30 mg/kg dry 26.3 ND 98.0 75-125

Matrix Spike Dup (BGJ0937-MSD1)

Source: 2310351-01

Prepared & Analyzed: 10/24/23

Chromium, Hexavalent 25.5 0.30 mg/kg dry 26.3 ND 96.8 75-125 1.23 20

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Industrial Gas Services
5862 McIntyre Ct.
Golden CO, 80403

Project: Behring 1

Project Number: [none]
Project Manager: Dennis Horner

Reported:
11/03/23 09:44

Soluble Nutrients by EPA 6020/USDA60 6(2) - Saturated Paste Extraction - Quality Control
Summit Scientific

Analyte	Reporting			Spike	Source	%REC		RPD		
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Batch BGJ1086 - General Preparation

Blank (BGJ1086-BLK1)

Prepared: 10/26/23 Analyzed: 10/31/23

Calcium	ND	0.0500	mg/L wet
Magnesium	ND	0.0500	"
Sodium	ND	0.0500	"

LCS (BGJ1086-BS1)

Prepared: 10/26/23 Analyzed: 10/31/23

Calcium	5.71	0.0500	mg/L wet	5.00	114	70-130
Magnesium	5.50	0.0500	"	5.00	110	70-130
Sodium	5.50	0.0500	"	5.00	110	70-130

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Industrial Gas Services
5862 McIntyre Ct.
Golden CO, 80403

Project: Behring 1

Project Number: [none]

Project Manager: Dennis Horner

Reported:
11/03/23 09:44

Physical Parameters by APHA/ASTM/EPA Methods - Quality Control

Summit Scientific

Analyte	Result	Reporting		Spike Level	Source		%REC		RPD	
		Limit	Units		Result	%REC	Limits	RPD	Limit	Notes

Batch BGJ1136 - General Preparation

Duplicate (BGJ1136-DUP1)

Source: 2310410-01

Prepared & Analyzed: 10/27/23

% Solids	96.4	%		89.0		7.95	20
----------	------	---	--	------	--	------	----

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Industrial Gas Services
5862 McIntyre Ct.
Golden CO, 80403

Project: Behring 1
Project Number: [none]
Project Manager: Dennis Horner

Reported:
11/03/23 09:44

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction - Quality Control
Summit Scientific

Analyte	Result	Reporting		Spike Level	Source		%REC		RPD	
		Limit	Units		Result	%REC	Limits	RPD	Limit	Notes

Batch BGJ1105 - General Preparation

Blank (BGJ1105-BLK1)

Prepared: 10/27/23 Analyzed: 10/30/23

Specific Conductance (EC) ND 0.0100 mmhos/cm

LCS (BGJ1105-BS1)

Prepared: 10/27/23 Analyzed: 10/30/23

Specific Conductance (EC) 0.151 0.0100 mmhos/cm 0.150 100 95-105

Duplicate (BGJ1105-DUP1)

Source: 2310140-03

Prepared: 10/27/23 Analyzed: 10/30/23

Specific Conductance (EC) 0.161 0.0100 mmhos/cm 0.161 0.00 20

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Industrial Gas Services
5862 McIntyre Ct.
Golden CO, 80403

Project: Behring 1

Project Number: [none]

Project Manager: Dennis Horner

Reported:

11/03/23 09:44

Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction - Quality Control

Summit Scientific

Analyte	Result	Reporting		Spike Level	Source Result	%REC		RPD		Notes
		Limit	Units			%REC	Limits	RPD	Limit	

Batch BGJ1103 - General Preparation

LCS (BGJ1103-BS1)

Prepared: 10/27/23 Analyzed: 10/30/23

pH	9.05	pH Units	9.18	98.6	95-105
----	------	----------	------	------	--------

Duplicate (BGJ1103-DUP1)

Source: 2310140-04

Prepared: 10/27/23 Analyzed: 10/30/23

pH	8.51	pH Units	8.51	0.00	20
----	------	----------	------	------	----

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Industrial Gas Services
5862 McIntyre Ct.
Golden CO, 80403

Project: Behring 1

Project Number: [none]
Project Manager: Dennis Horner

Reported:
11/03/23 09:44

Notes and Definitions

QR-04	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QR-01	Analyses are not controlled on RPD values from sample concentrations less than 10 times the reporting limit. QC batch accepted based on LCS and/or LCSD QC results.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS/LCSD recovery.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference