



SAMPLE DATA

Report of Analysis

Client: G Environmental
Project: Diamond
Client Sample ID: GSB1A
Lab Sample ID: Q3739-01

Date Collected: 11/26/25 13:05
Date Received: 11/26/25
SDG No.: Q3739
Matrix: SOIL
% Solid: 90.4

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Hexavalent Chromium	177	OR	1	0.076	0.43	mg/Kg	12/01/25 09:00	12/01/25 13:10	7196A

Comments: _____

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements
H = Sample Analysis Out Of Hold Time

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N = Spiked sample recovery not within control limits

Report of Analysis

Client: G Environmental
Project: Diamond
Client Sample ID: GSB1ADL
Lab Sample ID: Q3739-01DL

Date Collected: 11/26/25 13:05
Date Received: 11/26/25
SDG No.: Q3739
Matrix: SOIL
% Solid: 90.4

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Hexavalent Chromium	2560	D	100	7.59	43.4	mg/Kg	12/01/25 09:00	12/01/25 13:14	7196A

Comments: _____

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

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OR = Over Range

N = Spiked sample recovery not within control limits

Report of Analysis

Client: G Environmental
Project: Diamond
Client Sample ID: GSB1B
Lab Sample ID: Q3739-02

Date Collected: 11/26/25 13:15
Date Received: 11/26/25
SDG No.: Q3739
Matrix: SOIL
% Solid: 88.5

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Hexavalent Chromium	215	OR	1	0.077	0.44	mg/Kg	12/01/25 09:00	12/01/25 13:10	7196A

Comments: _____

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N = Spiked sample recovery not within control limits

Report of Analysis

Client: G Environmental
Project: Diamond
Client Sample ID: GSB1BDL
Lab Sample ID: Q3739-02DL

Date Collected: 11/26/25 13:15
Date Received: 11/26/25
SDG No.: Q3739
Matrix: SOIL
% Solid: 88.5

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Hexavalent Chromium	6780	D	200	15.3	87.6	mg/Kg	12/01/25 09:00	12/01/25 13:14	7196A

Comments: _____

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MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements
H = Sample Analysis Out Of Hold Time

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
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OR = Over Range
N = Spiked sample recovery not within control limits

Report of Analysis

Client: G Environmental
Project: Diamond
Client Sample ID: GSB2A
Lab Sample ID: Q3739-03

Date Collected: 11/26/25 13:30
Date Received: 11/26/25
SDG No.: Q3739
Matrix: SOIL
% Solid: 84.7

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Hexavalent Chromium	8.95		1	0.082	0.47	mg/Kg	12/01/25 09:00	12/01/25 13:12	7196A

Comments: _____

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LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements
H = Sample Analysis Out Of Hold Time

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N = Spiked sample recovery not within control limits

Report of Analysis

Client: G Environmental
Project: Diamond
Client Sample ID: GSB2B
Lab Sample ID: Q3739-04

Date Collected: 11/26/25 13:50
Date Received: 11/26/25
SDG No.: Q3739
Matrix: SOIL
% Solid: 86.5

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Hexavalent Chromium	32.1		1	0.079	0.45	mg/Kg	12/01/25 09:00	12/01/25 13:13	7196A

Comments: _____

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements
H = Sample Analysis Out Of Hold Time

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N = Spiked sample recovery not within control limits



QC RESULT SUMMARY

Initial and Continuing Calibration Verification

Client: G Environmental

SDG No.: Q3739

Project: Diamond

RunNo.: LB138067

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV Hexavalent Chromium	mg/L	0.472	0.5	94	90-110	12/01/2025
Sample ID: CCV1 Hexavalent Chromium	mg/L	0.476	0.5	95	90-110	12/01/2025
Sample ID: CCV2 Hexavalent Chromium	mg/L	0.474	0.5	95	90-110	12/01/2025
Sample ID: CCV3 Hexavalent Chromium	mg/L	0.471	0.5	94	90-110	12/01/2025

Initial and Continuing Calibration Blank Summary

Client: G Environmental

SDG No.: Q3739

Project: Diamond

RunNo.: LB138067

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	12/01/2025
Sample ID: CCB1 Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	12/01/2025
Sample ID: CCB2 Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	12/01/2025
Sample ID: CCB3 Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	12/01/2025

Preparation Blank Summary

Client: G Environmental

SDG No.: Q3739

Project: Diamond

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: PB170756BL							
Hexavalent Chromium	mg/Kg	< 0.2000	0.2000	U	0.07	0.4	12/01/2025

Matrix Spike Summary

Client:	G Environmental	SDG No.:	Q3739
Project:	Diamond	Sample ID:	Q3733-01
Client ID:	SU-04-11-26-2025MS	Percent Solids for Spike Sample:	91.5

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Hexavalent Chromium	mg/Kg	75-125	1340		0.075	U	1400	40	96		12/01/2025

Matrix Spike Summary

Client:	G Environmental	SDG No.:	Q3739
Project:	Diamond	Sample ID:	Q3733-01
Client ID:	SU-04-11-26-2025MS	Percent Solids for Spike Sample:	91.5

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Hexavalent Chromium	mg/Kg	85-115	39.2		0.075	U	43.7	2	90		12/01/2025

Matrix Spike Summary

Client:	G Environmental	SDG No.:	Q3739
Project:	Diamond	Sample ID:	Q3733-01
Client ID:	SU-04-11-26-2025MS	Percent Solids for Spike Sample:	91.5

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Hexavalent Chromium	mg/Kg	75-125	36.0		0.075	U	43.7	2	82		12/01/2025

Duplicate Sample Summary

Client:	G Environmental	SDG No.:	Q3739
Project:	Diamond	Sample ID:	Q3733-01
Client ID:	SU-04-11-26-2025DUP	Percent Solids for Spike Sample:	91.5

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Hexavalent Chromium	mg/Kg	+/-20	0.075	U	0.075	U	1	0		12/01/2025

Laboratory Control Sample Summary

Client: G Environmental

SDG No.: Q3739

Project: Diamond

Run No.: LB138067

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	PB170756BS							
Hexavalent Chromium	mg/Kg	20	18.9		94	1	84-110	12/01/2025

Instrument ID: SPECTROPHOTOMETER-1

Daily Analysis Runlog For Sequence/QC Batch ID # LB138067

Review By	rubina	Review On	12/1/2025 3:04:36 PM
Supervise By	Iwona	Supervise On	12/1/2025 3:05:26 PM
SubDirectory	LB138067	Test	Hexavalent Chromium
STD. NAME	STD REF.#		
ICAL Standard	N/A		
ICV Standard	N/A		
CCV Standard	N/A		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	N/A		
Chk Standard	WP115855,WP115340,WP115339,WP115854		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	CAL1	CAL1	CAL	12/01/25 13:00		rubina	OK
2	CAL2	CAL2	CAL	12/01/25 13:00		rubina	OK
3	CAL3	CAL3	CAL	12/01/25 13:01		rubina	OK
4	CAL4	CAL4	CAL	12/01/25 13:01		rubina	OK
5	CAL5	CAL5	CAL	12/01/25 13:02		rubina	OK
6	CAL6	CAL6	CAL	12/01/25 13:02		rubina	OK
7	CAL7	CAL7	CAL	12/01/25 13:03		rubina	OK
8	ICV	ICV	ICV	12/01/25 13:03		rubina	OK
9	ICB	ICB	ICB	12/01/25 13:04		rubina	OK
10	CCV1	CCV1	CCV	12/01/25 13:04		rubina	OK
11	CCB1	CCB1	CCB	12/01/25 13:05		rubina	OK
12	RL Check	RL Check	RL	12/01/25 13:05		rubina	OK
13	PB170756BL	PB170756BL	MB	12/01/25 13:06		rubina	OK
14	PB170756BS	PB170756BS	LCS	12/01/25 13:06		rubina	OK
15	Q3732-01	HD-01-11-26-2025	SAM	12/01/25 13:07		rubina	OK
16	Q3733-01	SU-04-11-26-2025	SAM	12/01/25 13:07		rubina	OK
17	Q3733-01DUP	SU-04-11-26-2025DU	DUP	12/01/25 13:08		rubina	OK
18	Q3733-01MSPre	SU-04-11-26-2025MS	MS	12/01/25 13:08		rubina	OK

Instrument ID: SPECTROPHOTOMETER-1

Daily Analysis Runlog For Sequence/QC Batch ID # LB138067

Review By	rubina	Review On	12/1/2025 3:04:36 PM
Supervise By	Iwona	Supervise On	12/1/2025 3:05:26 PM
SubDirectory	LB138067	Test	Hexavalent Chromium
STD. NAME	STD REF.#		
ICAL Standard	N/A		
ICV Standard	N/A		
CCV Standard	N/A		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	N/A		
Chk Standard	WP115855,WP115340,WP115339,WP115854		

19	Q3733-01MS2Ins	SU-04-11-26-2025MS	MS	12/01/25 13:09		rubina	OK
20	Q3733-01MS3Post	SU-04-11-26-2025MS	MS	12/01/25 13:09		rubina	OK
21	Q3739-01	GSB1A	SAM	12/01/25 13:10		rubina	OK
22	Q3739-02	GSB1B	SAM	12/01/25 13:10		rubina	OK
23	CCV2	CCV2	CCV	12/01/25 13:11		rubina	OK
24	CCB2	CCB2	CCB	12/01/25 13:12		rubina	OK
25	Q3739-03	GSB2A	SAM	12/01/25 13:12		rubina	OK
26	Q3739-04	GSB2B	SAM	12/01/25 13:13		rubina	OK
27	Q3740-01	WC1	SAM	12/01/25 13:13		rubina	OK
28	Q3739-01DL	GSB1ADL	SAM	12/01/25 13:14		rubina	OK
29	Q3739-02DL	GSB1BDL	SAM	12/01/25 13:14		rubina	OK
30	Q3740-01DL	WC1DL	SAM	12/01/25 13:15		rubina	OK
31	CCV3	CCV3	CCV	12/01/25 13:15		rubina	OK
32	CCB3	CCB3	CCB	12/01/25 13:16		rubina	OK

LAB CHRONICLE

OrderID:	Q3739	OrderDate:	11/26/2025 4:22:55 PM
Client:	G Environmental	Project:	Diamond
Contact:	Gary Landis	Location:	A11

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3739-01	GSB1A	SOIL			11/26/25 13:05			11/26/25
			Hexavalent Chromium	7196A		12/01/25	12/01/25 13:10	
Q3739-01DL	GSB1ADL	SOIL			11/26/25 13:05			11/26/25
			Hexavalent Chromium	7196A		12/01/25	12/01/25 13:14	
Q3739-02	GSB1B	SOIL			11/26/25 13:15			11/26/25
			Hexavalent Chromium	7196A		12/01/25	12/01/25 13:10	
Q3739-02DL	GSB1BDL	SOIL			11/26/25 13:15			11/26/25
			Hexavalent Chromium	7196A		12/01/25	12/01/25 13:14	
Q3739-03	GSB2A	SOIL			11/26/25 13:30			11/26/25
			Hexavalent Chromium	7196A		12/01/25	12/01/25 13:12	
Q3739-04	GSB2B	SOIL			11/26/25 13:50			11/26/25
			Hexavalent Chromium	7196A		12/01/25	12/01/25 13:13	

SOP ID : M3060A,7196A-Hex.Chromium-27

SDG No : N/A

Matrix : SOIL

Pipette ID : WC

Balance ID : WC SC-7

Hood ID : HOOD#3

Block ID : WC S-2, WC S-1

Weigh By : RM

Start Digest Date: 12/01/2025 Time : 09:00 Temp : 90 °C

End Digest Date: 12/01/2025 Time : 10:00 Temp : 92 °C

15 batch 12/01/2025 10-25 12/01/2025 11-25 90°C RM 95°C

Digestion tube ID : M6054

Block Thermometer ID : WC-Block#1

Filter paper ID : 400213

Prep Technician Signature: RM

pH Meter ID : WC pH meter-1

Supervisor Signature: 12

Standard Name	MLS USED	STD REF. # FROM LOG
PRE-DIGESTION SPIKE	2.0ML	WP113880
INSOLUBLE SPIKE	0.02GM	W2202
POST-DIGESTION SPIKE	2.0ML	WP113880
LCSS	1.0ML	WP113881
PBS003	50.ML	W3112

Chemical Used	ML/SAMPLE USED	Lot Number
MAGNESIUM CHLORIDE	0.4GM	W3152
PHOSPHATE BUFFER	0.5ML	WP115410
HEX. DIGESTION SOLN.	50.0ML	WP115853
5M HNO3	5-7ML	WP115339
5N H2SO4	1-3ML	WP115340
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

LAB SAMPLE ID	CLIENT SAMPLE ID	Vol(ml)	Comment
CAL1	CAL1	2.5ML	W3112
CAL2	CAL2	0.2ML	WP115852
CAL3	CAL3	0.5ML	WP115852
CAL4	CAL4	1ML	WP115852
CAL5	CAL5	0.2ML	WP113880
CAL6	CAL6	1ML	WP113880
CAL7	CAL7	2.0ML	WP113880
ICV	ICV	1ML	WP113881
ICB	ICB	2.5ML	W3112
CCV	CCV	1ML	WP113880
CCB	CCB	2.5ML	W3112

Extraction Conformance/Non-Conformance Comments:

12/01/2025 RM

N/A

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	Initial Weight (g)	Final Vol (ml)	pH	Sulfide	Oxidizing	Nitrate/Nitrite	Comment	Prep Pos
PB170756BL	PBS756	2.50	100	N/A	N/A	N/A	N/A	N/A	N/A
PB170756BS	LCS756	2.50	100	N/A	N/A	N/A	N/A	N/A	N/A
Q3732-01	HD-01-11-26-2025	2.56	100	N/A	N/A	N/A	N/A	N/A	N/A
Q3733-01	SU-04-11-26-2025	2.54	100	N/A	N/A	N/A	N/A	N/A	N/A
Q3733-01DUP	SU-04-11-26-2025DUP	2.55	100	N/A	N/A	N/A	N/A	N/A	N/A
Q3733-01MSPre	SU-04-11-26-2025MSPRE	2.55	100	N/A	N/A	N/A	N/A	N/A	N/A
Q3733-01MS2Ins	SU-04-11-26-2025MS2INS	2.56	100	N/A	N/A	N/A	N/A	N/A	N/A
Q3733-01MS3Post	SU-04-11-26-2025MS3POST	2.54	100	N/A	N/A	N/A	N/A	N/A	N/A
Q3739-01	GSB1A	2.55	100	N/A	N/A	N/A	N/A	N/A	N/A
Q3739-02	GSB1B	2.58	100	N/A	N/A	N/A	N/A	N/A	N/A
Q3739-03	GSB2A	2.52	100	N/A	N/A	N/A	N/A	N/A	N/A
Q3739-04	GSB2B	2.57	100	N/A	N/A	N/A	N/A	N/A	N/A
Q3740-01	WC1	2.55	100	N/A	N/A	N/A	N/A	N/A	N/A