



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Hit Summary Sheet
SW-846

SDG No.:	Q2742	Order ID:	Q2742
Client:	G Environmental	Project ID:	Banker

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID :	9 Banker							
Q2742-01	9 Banker	Water	Sodium	271000		434	1000	ug/L



SAMPLE DATA

Report of Analysis

Client:	G Environmental	Date Collected:	07/31/25
Project:	Banker	Date Received:	07/31/25
Client Sample ID:	9 Banker	SDG No.:	Q2742
Lab Sample ID:	Q2742-01	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-23-5	Sodium	271000	1	434		1000	ug/L	08/01/25 10:05	08/04/25 14:12	6010D	SW3010

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	Metals Group4			

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

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



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental

SDG No.: Q2742

Contract: GENV01

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Sodium	868	+/-1000	U	2000	P	08/04/2025	11:52	LB136697

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental

SDG No.: Q2742

Contract: GENV01

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Sodium	868	+/-1000	U	2000	P	08/04/2025	12:29	LB136697
CCB02	Sodium	868	+/-1000	U	2000	P	08/04/2025	13:41	LB136697
CCB03	Sodium	868	+/-1000	U	2000	P	08/04/2025	14:54	LB136697
CCB04	Sodium	868	+/-1000	U	2000	P	08/04/2025	15:53	LB136697
CCB05	Sodium	868	+/-1000	U	2000	P	08/04/2025	16:55	LB136697
CCB06	Sodium	868	+/-1000	U	2000	P	08/04/2025	17:45	LB136697
CCB07	Sodium	868	+/-1000	U	2000	P	08/04/2025	18:02	LB136697

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: G Environmental

SDG No.: Q2742

Instrument: P4

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB169078BL		WATER		Batch Number:	PB169078		Prep Date:	08/01/2025	
	Sodium	434	<500	U	1000	P	08/04/2025	13:29	LB136697



METAL CALIBRATION DATA

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental

SDG No.: Q2742

Contract: GENV01

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Sodium	19500	20000	98	90 - 110	P	08/04/2025	11:41	LB136697

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental

SDG No.: Q2742

Contract: GENV01

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Sodium	1990	2000	100	80 - 120	P	08/04/2025	11:45	LB136697

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental

Contract: GENV01

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

SDG No.: Q2742

Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Sodium	23900	25000	96	90 - 110	P	08/04/2025	12:25	LB136697
CCV02	Sodium	24500	25000	98	90 - 110	P	08/04/2025	13:37	LB136697
CCV03	Sodium	23600	25000	94	90 - 110	P	08/04/2025	14:43	LB136697
CCV04	Sodium	23200	25000	93	90 - 110	P	08/04/2025	15:48	LB136697
CCV05	Sodium	22900	25000	92	90 - 110	P	08/04/2025	16:51	LB136697
CCV06	Sodium	24600	25000	98	90 - 110	P	08/04/2025	17:41	LB136697
CCV07	Sodium	24600	25000	98	90 - 110	P	08/04/2025	17:58	LB136697



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 2b -

CRDL STANDARD FOR AA & ICP

Client: G Environmental

SDG No.: Q2742

Contract: GENV01

Lab Code: ACE

Initial Calibration Source: _____

Continuing Calibration Source: _____

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRI01	Sodium	2030	2000	102	65 - 135	P	08/04/2025	11:57	LB136697

Metals

- 4 -

INTERFERENCE CHECK SAMPLE

Client: G Environmental

SDG No.: Q2742

Contract: GENV01

Lab Code: ACE

ICS Source: EPA

Instrument ID: P4

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSA01	Sodium	115			0	0	08/04/2025	12:01	LB136697
ICSAB01	Sodium	94.2			0	0	08/04/2025	12:05	LB136697



METAL QC DATA

metals
- 5a -
MATRIX SPIKE SUMMARY

client:	G Environmental	level:	low	sdg no.:	Q2742
contract:	GENV01			lab code:	ACE
matrix:	Water	sample id:	Q2733-01	client id:	TW-WTS-12MS
Percent Solids for Sample:	NA	Spiked ID:	Q2733-01MS	Percent Solids for Spike Sample:	NA

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Sodium	ug/L	75 - 125	75800		73800		1500	134		P

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: <u>G Environmental</u>	level: <u>low</u>	sdg no.: <u>Q2742</u>
contract: <u>GENV01</u>		lab code: <u>ACE</u>
matrix: <u>Water</u>	sample id: <u>Q2733-01</u>	client id: <u>TW-WTS-12MSD</u>
Percent Solids for Sample: <u>NA</u>	Spiked ID: <u>Q2733-01MSD</u>	Percent Solids for Spike Sample: <u>NA</u>

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Sodium	ug/L	75 - 125	71600		73800		1500	-147		P

Metals
- 5b -

Client: G Environmental

SDG No.: Q2742

Contract: GENV01

Lab Code: ACE

Matrix: _____

Level: LOW

Client ID: _____

Sample ID: _____ **Spiked ID:** _____

Analyte	Units	Acceptance Limit %R	C	Sample Result	C	Spike Added	% Recovery	Qual	M
---------	-------	------------------------	---	------------------	---	----------------	---------------	------	---

.....

A
B
C
D
E
F
G
H
I
J

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client:	<u>G Environmental</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q2742</u>
Contract:	<u>GENV01</u>			Lab Code:	<u>ACE</u>
Matrix:	<u>Water</u>	Sample ID:	<u>Q2733-01</u>	Client ID:	<u>TW-WTS-12DUP</u>
Percent Solids for Sample:	NA	Duplicate ID	Q2733-01DUP	Percent Solids for Spike Sample:	NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Sodium	ug/L	20	73800		77200		5		P

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client:	<u>G Environmental</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q2742</u>
Contract:	<u>GENV01</u>			Lab Code:	<u>ACE</u>
Matrix:	<u>Water</u>	Sample ID:	<u>Q2733-01MS</u>	Client ID:	<u>TW-WTS-12MSD</u>
Percent Solids for Sample:	NA	Duplicate ID	Q2733-01MSD	Percent Solids for Spike Sample:	NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Sodium	ug/L	20	75800		71600		6		P

Metals

- 7 -

LABORATORY CONTROL SAMPLE SUMMARY

Client: G Environmental

SDG No.: Q2742

Contract: GENV01

Lab Code: ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB169078BS Sodium	ug/L	1500	1430		95	80 - 120	P

Metals
-9 -
ICP SERIAL DILUTIONS

SAMPLE NO.

TW-WTS-12L

Lab Name: Alliance **Contract:** GENV01
Lab Code: ACE **Lb No.:** lb136697 **Lab Sample ID :** Q2733-01L **SDG No.:** Q2742
Matrix (soil/water): Water **Level (low/med):** LOW
Concentration Units: ug/L

Analyte	Initial Sample Result (I) C	Serial Dilution Result (S) C	% Differ- ence	Q	M
Sodium	73800	66600	10		P

metals
- 14 -
ANALYSIS RUN LOG

Client: G Environmental

Contract: GENV01

Lab code: ACE

Sdg no.: Q2742

Instrument id number: _____

Method: _____

Run number: LB136697

Start date: 08/04/2025

End date: 08/04/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1115	Na
S1	S1	1	1120	Na
S2	S2	1	1124	Na
S3	S3	1	1128	Na
S4	S4	1	1132	Na
S5	S5	1	1136	Na
ICV01	ICV01	1	1141	Na
LLICV01	LLICV01	1	1145	Na
ICB01	ICB01	1	1152	Na
CRI01	CRI01	1	1157	Na
ICSA01	ICSA01	1	1201	Na
ICSAB01	ICSAB01	1	1205	Na
CCV01	CCV01	1	1225	Na
CCB01	CCB01	1	1229	Na
PB169078BL	PB169078BL	1	1329	Na
PB169078BS	PB169078BS	1	1333	Na
CCV02	CCV02	1	1337	Na
CCB02	CCB02	1	1341	Na
Q2733-01DUP	TW-WTS-12DUP	1	1350	Na
Q2733-01L	TW-WTS-12L	5	1354	Na
Q2733-01MS	TW-WTS-12MS	1	1359	Na
Q2733-01MSD	TW-WTS-12MSD	1	1403	Na
Q2742-01	9 Banker	1	1412	Na
CCV03	CCV03	1	1443	Na
CCB03	CCB03	1	1454	Na
CCV04	CCV04	1	1548	Na
CCB04	CCB04	1	1553	Na
CCV05	CCV05	1	1651	Na
CCB05	CCB05	1	1655	Na
CCV06	CCV06	1	1741	Na
CCB06	CCB06	1	1745	Na
CCV07	CCV07	1	1758	Na
CCB07	CCB07	1	1802	Na



METAL PREPARATION & INSTRUMENT DATA

Metals

- 11 -

ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental

SDG No.: Q2742

Contract: GENV01

Lab Code: ACE

Instrument ID: _____

Date: _____

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		Al	Ca	Fe	Mg	Ag
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Metals

- 11 -

ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental

SDG No.: Q2742

Contract: GENV01

Lab Code: ACE

Instrument ID: _____

Date: _____

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		As	Ba	Be	Cd	Co
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Metals

- 11 -

ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental

SDG No.: Q2742

Contract: GENV01

Lab Code: ACE

Instrument ID: _____

Date: _____

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		Cr	Cu	K	Mn	Mo
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Metals

- 11 -

ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental

SDG No.: Q2742

Contract: GENV01

Lab Code: ACE

Instrument ID: _____

Date: _____

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interement Correction Factors For:				
		Na	Ni	Pb	Sb	Se
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Metals

- 11 -

ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental

SDG No.: Q2742

Contract: GENV01

Lab Code: ACE

Instrument ID: _____

Date: _____

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interement Correction Factors For:				
		Sn	Ti	Tl	V	Zn
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000



LAB CHRONICLE

OrderID:	Q2742	OrderDate:	7/31/2025 3:56:00 PM
Client:	G Environmental	Project:	Banker
Contact:	Gary Landis	Location:	O22

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2742-01	9 Banker	Water	Metals Group4	6010D	07/31/25	08/01/25	08/04/25	07/31/25



METAL PREPARATION & ANALYICAL SUMMARY

Metals

- 13 -

SAMPLE PREPARATION SUMMARY

Client: G Environmental

SDG No.: Q2742

Contract: GENV01

Lab Code: ACE

Method:

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB169078							
PB169078BL	PB169078BL	MB	WATER	08/01/2025	50.0	25.0	
PB169078BS	PB169078BS	LCS	WATER	08/01/2025	50.0	25.0	
Q2733-01DUP	TW-WTS-12DUP	DUP	WATER	08/01/2025	50.0	25.0	
Q2733-01MS	TW-WTS-12MS	MS	WATER	08/01/2025	50.0	25.0	
Q2733-01MSD	TW-WTS-12MSD	MSD	WATER	08/01/2025	50.0	25.0	
Q2742-01	9 Banker	SAM	WATER	08/01/2025	50.0	25.0	

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB136697

Review By	Janvi	Review On	8/5/2025 10:04:40 AM
Supervise By	jaswal	Supervise On	8/6/2025 7:45:51 AM
STD. NAME	STD REF.#		
ICAL Standard	MP86452,MP86453,MP86454,MP86455,MP86456,MP86458		
ICV Standard	MP86459		
CCV Standard	MP86462		
ICSA Standard	MP86460,MP86461		
CRI Standard	MP86458		
LCS Standard			
Chk Standard	MP86463,MP86464		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	08/04/25 11:15		Jaswal	OK
2	S1	S1	CAL2	08/04/25 11:20		Jaswal	OK
3	S2	S2	CAL3	08/04/25 11:24		Jaswal	OK
4	S3	S3	CAL4	08/04/25 11:28		Jaswal	OK
5	S4	S4	CAL5	08/04/25 11:32		Jaswal	OK
6	S5	S5	CAL6	08/04/25 11:36		Jaswal	OK
7	ICV01	ICV01	ICV	08/04/25 11:41		Jaswal	OK
8	LLICV01	LLICV01	LLICV	08/04/25 11:45		Jaswal	OK
9	ICB01	ICB01	ICB	08/04/25 11:52		Jaswal	OK
10	CRI01	CRI01	CRDL	08/04/25 11:57		Jaswal	OK
11	ICSA01	ICSA01	ICSA	08/04/25 12:01		Jaswal	OK
12	ICSAB01	ICSAB01	ICSAB	08/04/25 12:05		Jaswal	OK
13	ICSADL	ICSADL	ICSA	08/04/25 12:09		Jaswal	OK
14	ICSABDL	ICSABDL	ICSAB	08/04/25 12:14		Jaswal	OK
15	CCV01	CCV01	CCV	08/04/25 12:25		Jaswal	OK
16	CCB01	CCB01	CCB	08/04/25 12:29		Jaswal	OK
17	PB169076BL	PB169076BL	MB	08/04/25 12:55		Jaswal	OK
18	PB169076BS	PB169076BS	LCS	08/04/25 13:00		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB136697

Review By	Janvi	Review On	8/5/2025 10:04:40 AM
Supervise By	jaswal	Supervise On	8/6/2025 7:45:51 AM
STD. NAME	STD REF.#		
ICAL Standard	MP86452,MP86453,MP86454,MP86455,MP86456,MP86458		
ICV Standard	MP86459		
CCV Standard	MP86462		
ICSA Standard	MP86460,MP86461		
CRI Standard	MP86458		
LCS Standard			
Chk Standard	MP86463,MP86464		

19	Q2725-02DL	CompDL	SAM	08/04/25 13:04	Straight 5x dilution for all elements	Jaswal	OK
20	Q2725-02DUPDL	CompDUPDL	DUP	08/04/25 13:08	Straight 5x dilution for all elements	Jaswal	OK
21	Q2725-02LDL	CompLDL	SD	08/04/25 13:12	Straight 25x dilution for all elements	Jaswal	OK
22	Q2725-02MSDL	CompMSDL	MS	08/04/25 13:16	Straight 5x dilution for all elements	Jaswal	OK
23	Q2725-02MSDDL	CompMSDDL	MSD	08/04/25 13:20	Straight 5x dilution for all elements	Jaswal	OK
24	Q2725-02ADL	CompADL	PS	08/04/25 13:24	Straight 5x dilution for all elements (0.1ml m6004,m6013-10ml sample before dilution)	Jaswal	OK
25	PB169078BL	PB169078BL	MB	08/04/25 13:29		Jaswal	OK
26	PB169078BS	PB169078BS	LCS	08/04/25 13:33		Jaswal	OK
27	CCV02	CCV02	CCV	08/04/25 13:37		Jaswal	OK
28	CCB02	CCB02	CCB	08/04/25 13:41		Jaswal	OK
29	Q2733-01	TW-WTS-12	SAM	08/04/25 13:45		Jaswal	OK
30	Q2733-01DUP	TW-WTS-12DUP	DUP	08/04/25 13:50		Jaswal	OK
31	Q2733-01L	TW-WTS-12L	SD	08/04/25 13:54		Jaswal	OK
32	Q2733-01MS	TW-WTS-12MS	MS	08/04/25 13:59		Jaswal	OK
33	Q2733-01MSD	TW-WTS-12MSD	MSD	08/04/25 14:03		Jaswal	OK
34	Q2733-01A	TW-WTS-12A	PS	08/04/25 14:07	0.1ml m6004,m6013-10ml sample	Jaswal	OK
35	Q2742-01	9 Banker	SAM	08/04/25 14:12		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB136697

Review By	Janvi	Review On	8/5/2025 10:04:40 AM
Supervise By	jaswal	Supervise On	8/6/2025 7:45:51 AM
STD. NAME	STD REF.#		
ICAL Standard	MP86452,MP86453,MP86454,MP86455,MP86456,MP86458		
ICV Standard	MP86459		
CCV Standard	MP86462		
ICSA Standard	MP86460,MP86461		
CRI Standard	MP86458		
LCS Standard			
Chk Standard	MP86463,MP86464		

36	Q2734-01	VNJ-253	SAM	08/04/25 14:17		Jaswal	OK
37	Q2741-01	TR-05-07312025	SAM	08/04/25 14:21		Jaswal	OK
38	Q2743-01	WC1	SAM	08/04/25 14:25		Jaswal	OK
39	CCV03	CCV03	CCV	08/04/25 14:43		Jaswal	OK
40	CCB03	CCB03	CCB	08/04/25 14:54		Jaswal	OK
41	Q2753-01	289	SAM	08/04/25 14:58		Jaswal	OK
42	Q2758-01	WASTE	SAM	08/04/25 15:03	%soil missing	Jaswal	OK
43	PB169096BL	PB169096BL	MB	08/04/25 15:07		Jaswal	OK
44	Q2740-01	OR-02-07312025	SAM	08/04/25 15:15		Jaswal	OK
45	Q2740-01DUP	OR-02-07312025DUP	DUP	08/04/25 15:19		Jaswal	OK
46	Q2740-01L	OR-02-07312025L	SD	08/04/25 15:23		Jaswal	OK
47	Q2740-01MS	OR-02-07312025MS	MS	08/04/25 15:27		Jaswal	OK
48	Q2740-01MSD	OR-02-07312025MSD	MSD	08/04/25 15:31		Jaswal	OK
49	Q2740-01A	OR-02-07312025A	PS	08/04/25 15:35	0.1ml m6004,m6013-10ml sample	Jaswal	OK
50	PB169096BS	PB169096BS	LCS	08/04/25 15:39		Jaswal	OK
51	CCV04	CCV04	CCV	08/04/25 15:48		Jaswal	OK
52	CCB04	CCB04	CCB	08/04/25 15:53		Jaswal	OK
53	Q2734-02	VNJ-253	SAM	08/04/25 16:08		Jaswal	OK
54	Q2703-05	TP-4	SAM	08/04/25 16:12		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB136697

Review By	Janvi	Review On	8/5/2025 10:04:40 AM
Supervise By	jaswal	Supervise On	8/6/2025 7:45:51 AM
STD. NAME	STD REF.#		
ICAL Standard	MP86452,MP86453,MP86454,MP86455,MP86456,MP86458		
ICV Standard	MP86459		
CCV Standard	MP86462		
ICSA Standard	MP86460,MP86461		
CRI Standard	MP86458		
LCS Standard			
Chk Standard	MP86463,MP86464		

55	Q2743-02	WC1	SAM	08/04/25 16:16		Jaswal	OK
56	Q2753-02	289	SAM	08/04/25 16:21		Jaswal	OK
57	Q2753-02DUP	289DUP	DUP	08/04/25 16:25		Jaswal	OK
58	Q2753-02L	289L	SD	08/04/25 16:30		Jaswal	OK
59	Q2753-02MS	289MS	MS	08/04/25 16:34		Jaswal	OK
60	Q2753-02MSD	289MSD	MSD	08/04/25 16:38		Jaswal	OK
61	Q2753-02A	289A	PS	08/04/25 16:42	0.1ml m6004,m6013-10ml sample	Jaswal	OK
62	PB169079TB	PB169079TB	MB	08/04/25 16:46		Jaswal	OK
63	CCV05	CCV05	CCV	08/04/25 16:51		Jaswal	OK
64	CCB05	CCB05	CCB	08/04/25 16:55		Jaswal	OK
65	PB169101BL	PB169101BL	MB	08/04/25 16:59		Jaswal	OK
66	PB169101BS	PB169101BS	LCS	08/04/25 17:04		Jaswal	OK
67	Q2745-01	RW8-SP100-2025073	SAM	08/04/25 17:08		Jaswal	OK
68	Q2745-02	RW8-SP303-2025073	SAM	08/04/25 17:12		Jaswal	OK
69	Q2756-01	71725	SAM	08/04/25 17:16	CCV fail for TI	Jaswal	Not Ok
70	Q2756-01DUP	71725DUP	DUP	08/04/25 17:20	CCV fail for TI	Jaswal	Not Ok
71	Q2756-01L	71725L	SD	08/04/25 17:25	CCV fail for TI	Jaswal	Not Ok
72	Q2756-01MS	71725MS	MS	08/04/25 17:29	CCV fail for TI	Jaswal	Not Ok
73	Q2756-01MSD	71725MSD	MSD	08/04/25 17:33	CCV fail for TI	Jaswal	Not Ok

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB136697

Review By	Janvi	Review On	8/5/2025 10:04:40 AM
Supervise By	jaswal	Supervise On	8/6/2025 7:45:51 AM
STD. NAME	STD REF.#		
ICAL Standard	MP86452,MP86453,MP86454,MP86455,MP86456,MP86458		
ICV Standard	MP86459		
CCV Standard	MP86462		
ICSA Standard	MP86460,MP86461		
CRI Standard	MP86458		
LCS Standard			
Chk Standard	MP86463,MP86464		

74	Q2756-01A	71725A	PS	08/04/25 17:37	CCV fail for TI	Jaswal	Not Ok
75	CCV06	CCV06	CCV	08/04/25 17:41	CCV fail for TI	Jaswal	OK
76	CCB06	CCB06	CCB	08/04/25 17:45		Jaswal	OK
77	PB169098BL	PB169098BL	MB	08/04/25 17:49	CCV fail for TI	Jaswal	Not Ok
78	PB169098BS	PB169098BS	LCS	08/04/25 17:54	CCV fail for TI	Jaswal	Not Ok
79	CCV07	CCV07	CCV	08/04/25 17:58		Jaswal	OK
80	CCB07	CCB07	CCB	08/04/25 18:02		Jaswal	OK

SOP ID : M3010A-Digestion-17

SDG No : N/A

Matrix : WATER

Pipette ID: ICP A

Balance ID : N/A

Filter paper ID : N/A

pH Strip ID : M6069

Hood ID : #3

Block ID: 1. HOT BLOCK #1 2. N/A

Start Digest Date: 08/01/2025 Time : 10:05 Temp : 96 °C

End Digest Date: 08/01/2025 Time : 13:10 Temp : 96 °C

Digestion tube ID: M5595

Block thermometer ID: MET-DIG. #1

Dig Technician Signature: *SLB*

Supervisor Signature: *[Signature]*

Temp : 1. 96°C 2. N/A

Standard Name	MLS USED	STD REF. # FROM LOG
LFS-1	0.25	M6007
LFS-2	0.25	M6015
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Conc. HNO3	3.00	M6158
1:1 HCL	5.00	MP85156
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
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

HOT BLOCK# CELL#50 96C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
08/01/25 14:10	SLB met dig	<i>[Signature]</i>
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	pH	Initial Vol (ml)	Final Vol (ml)	Color Before	Color After	Clarity Before	Clarity After	Comment	Prep Pos
PB169078BL	PBW078	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	15
PB169078BS	LCS078	<2	50	25	Colorless	Colorless	Clear	Clear	M6007,M6015	16
Q2733-01MS	TW-WTS-12MS	<2	50	25	Colorless	Colorless	Clear	Clear	M6007,M6015	19
Q2733-01MSD	TW-WTS-12MSD	<2	50	25	Colorless	Colorless	Clear	Clear	M6007,M6015	20
Q2733-01DUP	TW-WTS-12DUP	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	18
Q2733-01	TW-WTS-12	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	17
Q2742-01	9 BANKER	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	21



SAMPLE DATA

Report of Analysis

Client:	G Environmental	Date Collected:	07/31/25 12:30
Project:	Banker	Date Received:	07/31/25
Client Sample ID:	9 Banker	SDG No.:	Q2742
Lab Sample ID:	Q2742-01	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Chloride	914	OR	1	0.19	0.60	mg/L		08/01/25 12:26	300.0

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	Date Collected:	07/31/25 12:30
Project:	Banker	Date Received:	07/31/25
Client Sample ID:	9 BankerDL	SDG No.:	Q2742
Lab Sample ID:	Q2742-01DL	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Chloride	590	D	200	38.0	120	mg/L		08/01/25 13:31	300.0

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.: Q2742

Project: Banker

RunNo.: LB136667

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV1						
Bromide	mg/L	9.5	10	95	90-110	07/21/2025
Chloride	mg/L	2.8	3	93	90-110	07/21/2025
Fluoride	mg/L	1.9	2	95	90-110	07/21/2025
Nitrite	mg/L	2.8	3	93	90-110	07/21/2025
Nitrate	mg/L	2.3	2.5	92	90-110	07/21/2025
Sulfate	mg/L	14.2	15	95	90-110	07/21/2025
Orthophosphate as P	mg/L	4.8	5	96	90-110	07/21/2025
Sample ID: CCV1						
Bromide	mg/L	10.2	10	102	90-110	08/01/2025
Chloride	mg/L	3.1	3	103	90-110	08/01/2025
Fluoride	mg/L	2.1	2	105	90-110	08/01/2025
Nitrite	mg/L	3.1	3	103	90-110	08/01/2025
Nitrate	mg/L	2.5	2.5	100	90-110	08/01/2025
Sulfate	mg/L	15.3	15	102	90-110	08/01/2025
Orthophosphate as P	mg/L	4.9	5	98	90-110	08/01/2025
Sample ID: CCV2						
Bromide	mg/L	10.2	10	102	90-110	08/01/2025
Chloride	mg/L	3.1	3	103	90-110	08/01/2025
Fluoride	mg/L	2	2	100	90-110	08/01/2025
Nitrite	mg/L	3.1	3	103	90-110	08/01/2025
Nitrate	mg/L	2.5	2.5	100	90-110	08/01/2025
Sulfate	mg/L	15.2	15	101	90-110	08/01/2025
Orthophosphate as P	mg/L	4.6	5	92	90-110	08/01/2025

Initial and Continuing Calibration Blank Summary

Client: G Environmental

SDG No.: Q2742

Project: Banker

RunNo.: LB136667

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB1							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	07/21/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	07/21/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	07/21/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	07/21/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	07/21/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	07/21/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	07/21/2025
Sample ID: CCB1							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	08/01/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	08/01/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	08/01/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	08/01/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	08/01/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	08/01/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	08/01/2025
Sample ID: CCB2							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	08/01/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	08/01/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	08/01/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	08/01/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	08/01/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	08/01/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	08/01/2025

Preparation Blank Summary

Client: G Environmental

SDG No.: Q2742

Project: Banker

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: LB136667BLW							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	08/01/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	08/01/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	08/01/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	08/01/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	08/01/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	08/01/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	08/01/2025

Matrix Spike Summary

Client:	G Environmental	SDG No.:	Q2742
Project:	Banker	Sample ID:	Q2742-01
Client ID:	9 BankerMS	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Bromide	mg/L	80-120	10.2		0.37	U	10	1	102		08/01/2025
Chloride	mg/L	80-120	872	OR	914	OR	3	1	-1400	*	08/01/2025
Fluoride	mg/L	80-120	2.20		0.16	J	2	1	102		08/01/2025
Nitrite	mg/L	80-120	3.00		0.083	J	3	1	97		08/01/2025
Nitrate	mg/L	80-120	7.10	OR	4.50		2.5	1	104		08/01/2025
Sulfate	mg/L	80-120	45.7	OR	30.9		15	1	99		08/01/2025
Orthophosphate as P	mg/L	80-120	4.50		0.34	U	5	1	90		08/01/2025

Matrix Spike Summary

Client:	G Environmental	SDG No.:	Q2742
Project:	Banker	Sample ID:	Q2742-01
Client ID:	9 BankerMSD	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Bromide	mg/L	80-120	10.1		0.37	U	10	1	101		08/01/2025
Chloride	mg/L	80-120	872	OR	914	OR	3	1	-1400	*	08/01/2025
Fluoride	mg/L	80-120	2.10		0.16	J	2	1	97		08/01/2025
Nitrite	mg/L	80-120	3.00		0.083	J	3	1	97		08/01/2025
Nitrate	mg/L	80-120	6.90	OR	4.50		2.5	1	96		08/01/2025
Sulfate	mg/L	80-120	45.3	OR	30.9		15	1	96		08/01/2025
Orthophosphate as P	mg/L	80-120	4.80		0.34	U	5	1	96		08/01/2025

Duplicate Sample Summary

Client:	G Environmental	SDG No.:	Q2742
Project:	Banker	Sample ID:	Q2742-01
Client ID:	9 BankerMSD	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/AD	Qual	Analysis Date
Nitrite	mg/L	+/-20	3.00		3.00		1	0		08/01/2025
Chloride	mg/L	+/-20	872	OR	872	OR	1	0		08/01/2025
Bromide	mg/L	+/-20	10.2		10.1		1	1		08/01/2025
Sulfate	mg/L	+/-20	45.7	OR	45.3	OR	1	1		08/01/2025
Nitrate	mg/L	+/-20	7.10	OR	6.90	OR	1	3		08/01/2025
Fluoride	mg/L	+/-20	2.20		2.10		1	5		08/01/2025
Orthophosphate as P	mg/L	+/-20	4.50		4.80		1	6		08/01/2025

Laboratory Control Sample Summary

Client: G Environmental

SDG No.: Q2742

Project: Banker

Run No.: LB136667

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB136667BSW							
Bromide	mg/L	10	10.3		103	1	90-110	08/01/2025
Chloride	mg/L	3	3.10		103	1	90-110	08/01/2025
Fluoride	mg/L	2	2.10		105	1	90-110	08/01/2025
Nitrite	mg/L	3	3.10		103	1	90-110	08/01/2025
Nitrate	mg/L	2.5	2.60		104	1	90-110	08/01/2025
Sulfate	mg/L	15	15.4		103	1	90-110	08/01/2025
Orthophosphate as P	mg/L	5	4.90		98	1	90-110	08/01/2025

Instrument ID: IC-1

Daily Analysis Runlog For Sequence/QC Batch ID # LB136667

Review By	rubina	Review On	8/5/2025 9:47:33 AM
Supervise By	Iwona	Supervise On	8/5/2025 9:49:15 AM
SubDirectory	LB136667	Test	Anions
STD. NAME	STD REF.#		
ICAL Standard	WP114024,WP114025,WP114026,WP114027,WP114028,WP114029,WP114030		
ICV Standard	WP114031		
CCV Standard	WP116146		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	WP114147		
Chk Standard	WP114032,WP114033		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	STD1	STD1	CAL1	07/21/25 15:51	All standards, samples, and	RM/IZ	OK
2	STD2	STD2	CAL2	07/21/25 16:12	QC are filtered through	RM/IZ	OK
3	STD3	STD3	CAL3	07/21/25 16:34	0.45um, filter lot W3160	RM/IZ	OK
4	STD4	STD4	CAL4	07/21/25 16:55		RM/IZ	OK
5	STD5	STD5	CAL5	07/21/25 17:17		RM/IZ	OK
6	STD6	STD6	CAL6	07/21/25 17:38		RM/IZ	OK
7	STD7	STD7	CAL7	07/21/25 18:00		RM/IZ	OK
8	ICV1	ICV1	ICV	07/21/25 18:21		RM/IZ	OK
9	ICB1	ICB1	ICB	07/21/25 18:42		RM/IZ	OK
10	CCV1	CCV1	CCV	08/01/25 11:00		RM/IZ	OK
11	CCB1	CCB1	CCB	08/01/25 11:22		RM/IZ	OK
12	LB136667BLW	LB136667BLW	MB	08/01/25 11:43		RM/IZ	OK
13	LB136667BSW	LB136667BSW	LCS	08/01/25 12:05		RM/IZ	OK
14	Q2742-01	9 Banker	SAM	08/01/25 12:26	Cl is High	RM/IZ	Dilution
15	Q2742-01MS	9 BankerMS	MS	08/01/25 12:48	9.5ml of sample, 0.5mL W3092	RM/IZ	OK
16	Q2742-01MSD	9 BankerMSD	MSD	08/01/25 13:09	9.5ml of sample, 0.5mL W3092	RM/IZ	OK
17	Q2742-01DL	9 BankerDL	SAM	08/01/25 13:31	200Xfor Cl	RM/IZ	Confirms
18	CCV2	CCV2	CCV	08/01/25 13:53		RM/IZ	OK

Instrument ID: IC-1

Daily Analysis Runlog For Sequence/QC Batch ID # LB136667

Review By	rubina	Review On	8/5/2025 9:47:33 AM
Supervise By	Iwona	Supervise On	8/5/2025 9:49:15 AM
SubDirectory	LB136667	Test	Anions
STD. NAME	STD REF.#		
ICAL Standard	WP114024,WP114025,WP114026,WP114027,WP114028,WP114029,WP114030		
ICV Standard	WP114031		
CCV Standard	WP116146		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	WP114147		
Chk Standard	WP114032,WP114033		

19	CCB2	CCB2	CCB	08/01/25 14:14		RM/IZ	OK
----	------	------	-----	----------------	--	-------	----

A
B
C
D
E

LAB CHRONICLE

OrderID:	Q2742	OrderDate:	7/31/2025 3:56:00 PM
Client:	G Environmental	Project:	Banker
Contact:	Gary Landis	Location:	O22

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2742-01	9 Banker	WATER			07/31/25 12:30			07/31/25
			Anions Group1	300.0			08/01/25 12:26	
Q2742-01DL	9 BankerDL	WATER			07/31/25 12:30			07/31/25
			Anions Group1	300.0			08/01/25 13:31	