



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Hit Summary Sheet
SW-846

SDG No.: Q2826

Order ID: Q2826

Client: G Environmental

Project ID: Ave B

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : WC1								
Q2826-02	WC1	TCLP	Barium	816		72.8	500	ug/L
Q2826-02	WC1	TCLP	Cadmium	37.1		2.50	30.0	ug/L
Q2826-02	WC1	TCLP	Chromium	154		10.6	50.0	ug/L



SAMPLE DATA

Report of Analysis

Client:	G Environmental	Date Collected:	08/11/25
Project:	Ave B	Date Received:	08/11/25
Client Sample ID:	WC1	SDG No.:	Q2826
Lab Sample ID:	Q2826-02	Matrix:	TCLP
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-38-2	Arsenic	25.6	U	1	25.6	100	ug/L	08/12/25 12:30	08/13/25 15:40	6010D	SW3050
7440-39-3	Barium	816	N*	1	72.8	500	ug/L	08/12/25 12:30	08/13/25 15:40	6010D	SW3050
7440-43-9	Cadmium	37.1		1	2.50	30.0	ug/L	08/12/25 12:30	08/13/25 15:40	6010D	SW3050
7440-47-3	Chromium	154		1	10.6	50.0	ug/L	08/12/25 12:30	08/13/25 15:40	6010D	SW3050
7439-92-1	Lead	11.5	U	1	11.5	60.0	ug/L	08/12/25 12:30	08/13/25 15:40	6010D	SW3050
7439-97-6	Mercury	0.76	U	1	0.76	2.00	ug/L	08/12/25 12:30	08/13/25 11:40	7470A	
7782-49-2	Selenium	48.2	U	1	48.2	100	ug/L	08/12/25 12:30	08/13/25 15:40	6010D	SW3050
7440-22-4	Silver	8.10	U	1	8.10	50.0	ug/L	08/12/25 12:30	08/13/25 15:40	6010D	SW3050

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	TCLP METALS			

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,
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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental

SDG No.: Q2826

Contract: GENV01

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB12	Mercury	0.076	+/-0.2	U	0.20	CV	08/13/2025	11:19	LB136797

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental

SDG No.: Q2826

Contract: GENV01

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB35	Mercury	0.076	+/-0.2	U	0.20	CV	08/13/2025	11:24	LB136797
CCB36	Mercury	0.076	+/-0.2	U	0.20	CV	08/13/2025	11:51	LB136797
CCB37	Mercury	0.076	+/-0.2	U	0.20	CV	08/13/2025	12:10	LB136797

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental

SDG No.: Q2826

Contract: GENV01

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Arsenic	5.12	+/-10	U	20.0	P	08/13/2025	12:33	LB136801
	Barium	14.6	+/-50	U	100	P	08/13/2025	12:33	LB136801
	Cadmium	0.50	+/-3	U	6.00	P	08/13/2025	12:33	LB136801
	Chromium	2.12	+/-5	U	10.0	P	08/13/2025	12:33	LB136801
	Lead	2.30	+/-6	U	12.0	P	08/13/2025	12:33	LB136801
	Selenium	9.64	+/-10	U	20.0	P	08/13/2025	12:33	LB136801
	Silver	1.62	+/-5	U	10.0	P	08/13/2025	12:33	LB136801

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental

SDG No.: Q2826

Contract: GENV01

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Arsenic	5.12	+/-10	U	20.0	P	08/13/2025	13:03	LB136801
	Barium	14.6	+/-50	U	100	P	08/13/2025	13:03	LB136801
	Cadmium	0.50	+/-3	U	6.00	P	08/13/2025	13:03	LB136801
	Chromium	2.12	+/-5	U	10.0	P	08/13/2025	13:03	LB136801
	Lead	2.30	+/-6	U	12.0	P	08/13/2025	13:03	LB136801
	Selenium	9.64	+/-10	U	20.0	P	08/13/2025	13:03	LB136801
	Silver	1.62	+/-5	U	10.0	P	08/13/2025	13:03	LB136801
CCB02	Arsenic	5.12	+/-10	U	20.0	P	08/13/2025	13:46	LB136801
	Barium	14.6	+/-50	U	100	P	08/13/2025	13:46	LB136801
	Cadmium	0.50	+/-3	U	6.00	P	08/13/2025	13:46	LB136801
	Chromium	2.12	+/-5	U	10.0	P	08/13/2025	13:46	LB136801
	Lead	2.30	+/-6	U	12.0	P	08/13/2025	13:46	LB136801
	Selenium	9.64	+/-10	U	20.0	P	08/13/2025	13:46	LB136801
	Silver	1.62	+/-5	U	10.0	P	08/13/2025	13:46	LB136801
CCB03	Arsenic	5.12	+/-10	U	20.0	P	08/13/2025	14:37	LB136801
	Barium	14.6	+/-50	U	100	P	08/13/2025	14:37	LB136801
	Cadmium	0.50	+/-3	U	6.00	P	08/13/2025	14:37	LB136801
	Chromium	2.12	+/-5	U	10.0	P	08/13/2025	14:37	LB136801
	Lead	2.30	+/-6	U	12.0	P	08/13/2025	14:37	LB136801
	Selenium	9.64	+/-10	U	20.0	P	08/13/2025	14:37	LB136801
	Silver	1.62	+/-5	U	10.0	P	08/13/2025	14:37	LB136801
CCB04	Arsenic	5.12	+/-10	U	20.0	P	08/13/2025	15:27	LB136801
	Barium	14.6	+/-50	U	100	P	08/13/2025	15:27	LB136801
	Cadmium	0.50	+/-3	U	6.00	P	08/13/2025	15:27	LB136801
	Chromium	2.12	+/-5	U	10.0	P	08/13/2025	15:27	LB136801
	Lead	2.30	+/-6	U	12.0	P	08/13/2025	15:27	LB136801
	Selenium	9.64	+/-10	U	20.0	P	08/13/2025	15:27	LB136801
	Silver	1.62	+/-5	U	10.0	P	08/13/2025	15:27	LB136801
CCB05	Arsenic	5.12	+/-10	U	20.0	P	08/13/2025	16:19	LB136801
	Barium	14.6	+/-50	U	100	P	08/13/2025	16:19	LB136801
	Cadmium	0.50	+/-3	U	6.00	P	08/13/2025	16:19	LB136801
	Chromium	2.12	+/-5	U	10.0	P	08/13/2025	16:19	LB136801
	Lead	2.30	+/-6	U	12.0	P	08/13/2025	16:19	LB136801
	Selenium	9.64	+/-10	U	20.0	P	08/13/2025	16:19	LB136801
	Silver	1.62	+/-5	U	10.0	P	08/13/2025	16:19	LB136801
CCB06	Arsenic	5.12	+/-10	U	20.0	P	08/13/2025	17:09	LB136801
	Barium	14.6	+/-50	U	100	P	08/13/2025	17:09	LB136801
	Cadmium	0.50	+/-3	U	6.00	P	08/13/2025	17:09	LB136801
	Chromium	2.12	+/-5	U	10.0	P	08/13/2025	17:09	LB136801



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Client: G Environmental

SDG No.: Q2826

Contract: GENV01

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB06	Lead	2.30	+/-6	U	12.0	P	08/13/2025	17:09	LB136801
	Selenium	9.64	+/-10	U	20.0	P	08/13/2025	17:09	LB136801
	Silver	1.62	+/-5	U	10.0	P	08/13/2025	17:09	LB136801
CCB07	Arsenic	5.12	+/-10	U	20.0	P	08/13/2025	17:50	LB136801
	Barium	14.6	+/-50	U	100	P	08/13/2025	17:50	LB136801
	Cadmium	0.50	+/-3	U	6.00	P	08/13/2025	17:50	LB136801
	Chromium	2.12	+/-5	U	10.0	P	08/13/2025	17:50	LB136801
	Lead	2.30	+/-6	U	12.0	P	08/13/2025	17:50	LB136801
	Selenium	9.64	+/-10	U	20.0	P	08/13/2025	17:50	LB136801
	Silver	1.62	+/-5	U	10.0	P	08/13/2025	17:50	LB136801

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: G Environmental

SDG No.: Q2826

Instrument: CV1

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB169200TB		WATER		Batch Number:	PB169233		Prep Date:	08/12/2025	
	Mercury	0.76	<2	U	2.00	CV	08/13/2025	12:05	LB136797
Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB169233BL		WATER		Batch Number:	PB169233		Prep Date:	08/12/2025	
	Mercury	0.076	<0.2	U	0.20	CV	08/13/2025	11:33	LB136797

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: G Environmental

SDG No.: Q2826

Instrument: P4

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB169200TB		WATER		Batch Number:	PB169214		Prep Date:	08/12/2025	
	Arsenic	25.6	<50	U	100	P	08/13/2025	15:31	LB136801
	Barium	72.8	<250	U	500	P	08/13/2025	15:31	LB136801
	Cadmium	2.50	<15	U	30.0	P	08/13/2025	15:31	LB136801
	Chromium	10.6	<25	U	50.0	P	08/13/2025	15:31	LB136801
	Lead	11.5	<30	U	60.0	P	08/13/2025	15:31	LB136801
	Selenium	48.2	<50	U	100	P	08/13/2025	15:31	LB136801
	Silver	8.10	<25	U	50.0	P	08/13/2025	15:31	LB136801
Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB169214BL		WATER		Batch Number:	PB169214		Prep Date:	08/12/2025	
	Arsenic	25.6	<50	U	100	P	08/13/2025	14:58	LB136801
	Barium	72.8	<250	U	500	P	08/13/2025	14:58	LB136801
	Cadmium	2.50	<15	U	30.0	P	08/13/2025	14:58	LB136801
	Chromium	10.6	<25	U	50.0	P	08/13/2025	14:58	LB136801
	Lead	11.5	<30	U	60.0	P	08/13/2025	14:58	LB136801
	Selenium	48.2	<50	U	100	P	08/13/2025	14:58	LB136801
	Silver	8.10	<25	U	50.0	P	08/13/2025	14:58	LB136801



METAL CALIBRATION DATA

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental

SDG No.: Q2826

Contract: GENV01

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV12	Mercury	4.10	4.0	103	90 - 110	CV	08/13/2025	11:10	LB136797

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental

SDG No.: Q2826

Contract: GENV01

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV35	Mercury	5.06	5.0	101	90 - 110	CV	08/13/2025	11:22	LB136797
CCV36	Mercury	4.95	5.0	99	90 - 110	CV	08/13/2025	11:49	LB136797
CCV37	Mercury	4.96	5.0	99	90 - 110	CV	08/13/2025	12:08	LB136797

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental

SDG No.: Q2826

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	Arsenic	3870	4000	97	90 - 110	P	08/13/2025	12:21	LB136801
	Barium	7790	8000	97	90 - 110	P	08/13/2025	12:21	LB136801
	Cadmium	1920	2000	96	90 - 110	P	08/13/2025	12:21	LB136801
	Chromium	788	800	98	90 - 110	P	08/13/2025	12:21	LB136801
	Lead	3770	4000	94	90 - 110	P	08/13/2025	12:21	LB136801
	Selenium	3880	4000	97	90 - 110	P	08/13/2025	12:21	LB136801
	Silver	1030	1000	103	90 - 110	P	08/13/2025	12:21	LB136801

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental

SDG No.: Q2826

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	Arsenic	21.3	20.0	106	80 - 120	P	08/13/2025	12:28	LB136801
	Barium	94.7	100	95	80 - 120	P	08/13/2025	12:28	LB136801
	Cadmium	5.59	6.0	93	80 - 120	P	08/13/2025	12:28	LB136801
	Chromium	10.5	10.0	105	80 - 120	P	08/13/2025	12:28	LB136801
	Lead	11.2	12.0	93	80 - 120	P	08/13/2025	12:28	LB136801
	Selenium	19.2	20.0	96	80 - 120	P	08/13/2025	12:28	LB136801
	Silver	10.1	10.0	101	80 - 120	P	08/13/2025	12:28	LB136801

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental

Contract: GENV01

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

SDG No.: Q2826

Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Arsenic	4900	5000	98	90 - 110	P	08/13/2025	12:58	LB136801
	Barium	9640	10000	96	90 - 110	P	08/13/2025	12:58	LB136801
	Cadmium	2430	2500	97	90 - 110	P	08/13/2025	12:58	LB136801
	Chromium	1000	1000	100	90 - 110	P	08/13/2025	12:58	LB136801
	Lead	4860	5000	97	90 - 110	P	08/13/2025	12:58	LB136801
	Selenium	4930	5000	98	90 - 110	P	08/13/2025	12:58	LB136801
	Silver	1230	1250	99	90 - 110	P	08/13/2025	12:58	LB136801
CCV02	Arsenic	4950	5000	99	90 - 110	P	08/13/2025	13:42	LB136801
	Barium	9660	10000	97	90 - 110	P	08/13/2025	13:42	LB136801
	Cadmium	2430	2500	97	90 - 110	P	08/13/2025	13:42	LB136801
	Chromium	987	1000	99	90 - 110	P	08/13/2025	13:42	LB136801
	Lead	4850	5000	97	90 - 110	P	08/13/2025	13:42	LB136801
	Selenium	4980	5000	100	90 - 110	P	08/13/2025	13:42	LB136801
	Silver	1240	1250	99	90 - 110	P	08/13/2025	13:42	LB136801
CCV03	Arsenic	4990	5000	100	90 - 110	P	08/13/2025	14:33	LB136801
	Barium	9670	10000	97	90 - 110	P	08/13/2025	14:33	LB136801
	Cadmium	2430	2500	97	90 - 110	P	08/13/2025	14:33	LB136801
	Chromium	993	1000	99	90 - 110	P	08/13/2025	14:33	LB136801
	Lead	4860	5000	97	90 - 110	P	08/13/2025	14:33	LB136801
	Selenium	5020	5000	100	90 - 110	P	08/13/2025	14:33	LB136801
	Silver	1240	1250	99	90 - 110	P	08/13/2025	14:33	LB136801
CCV04	Arsenic	5010	5000	100	90 - 110	P	08/13/2025	15:23	LB136801
	Barium	9660	10000	97	90 - 110	P	08/13/2025	15:23	LB136801
	Cadmium	2430	2500	97	90 - 110	P	08/13/2025	15:23	LB136801
	Chromium	991	1000	99	90 - 110	P	08/13/2025	15:23	LB136801
	Lead	4860	5000	97	90 - 110	P	08/13/2025	15:23	LB136801
	Selenium	5070	5000	101	90 - 110	P	08/13/2025	15:23	LB136801
	Silver	1240	1250	99	90 - 110	P	08/13/2025	15:23	LB136801
CCV05	Arsenic	5010	5000	100	90 - 110	P	08/13/2025	16:14	LB136801
	Barium	9840	10000	98	90 - 110	P	08/13/2025	16:14	LB136801
	Cadmium	2400	2500	96	90 - 110	P	08/13/2025	16:14	LB136801
	Chromium	991	1000	99	90 - 110	P	08/13/2025	16:14	LB136801
	Lead	4810	5000	96	90 - 110	P	08/13/2025	16:14	LB136801
	Selenium	5070	5000	101	90 - 110	P	08/13/2025	16:14	LB136801

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental

SDG No.: Q2826

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
CCV05	Silver	1250	1250	100	90 - 110	P	08/13/2025	16:14	LB136801
CCV06	Arsenic	5040	5000	101	90 - 110	P	08/13/2025	17:05	LB136801
	Barium	9810	10000	98	90 - 110	P	08/13/2025	17:05	LB136801
	Cadmium	2420	2500	97	90 - 110	P	08/13/2025	17:05	LB136801
	Chromium	988	1000	99	90 - 110	P	08/13/2025	17:05	LB136801
	Lead	4850	5000	97	90 - 110	P	08/13/2025	17:05	LB136801
	Selenium	5150	5000	103	90 - 110	P	08/13/2025	17:05	LB136801
	Silver	1260	1250	100	90 - 110	P	08/13/2025	17:05	LB136801
CCV07	Arsenic	5060	5000	101	90 - 110	P	08/13/2025	17:46	LB136801
	Barium	9850	10000	98	90 - 110	P	08/13/2025	17:46	LB136801
	Cadmium	2440	2500	98	90 - 110	P	08/13/2025	17:46	LB136801
	Chromium	1010	1000	101	90 - 110	P	08/13/2025	17:46	LB136801
	Lead	4880	5000	98	90 - 110	P	08/13/2025	17:46	LB136801
	Selenium	5160	5000	103	90 - 110	P	08/13/2025	17:46	LB136801
	Silver	1260	1250	100	90 - 110	P	08/13/2025	17:46	LB136801



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

- 2b -

CRDL STANDARD FOR AA & ICP

Client: G Environmental

SDG No.: Q2826

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
CRA	Mercury	0.20	0.2	101	70 - 130	CV	08/13/2025	11:26	LB136797
CRI01	Arsenic	20.6	20.0	103	65 - 135	P	08/13/2025	12:37	LB136801
	Barium	93.9	100	94	65 - 135	P	08/13/2025	12:37	LB136801
	Cadmium	5.49	6.0	92	65 - 135	P	08/13/2025	12:37	LB136801
	Chromium	10.00	10.0	100	65 - 135	P	08/13/2025	12:37	LB136801
	Lead	10.0	12.0	83	65 - 135	P	08/13/2025	12:37	LB136801
	Selenium	21.1	20.0	106	65 - 135	P	08/13/2025	12:37	LB136801
	Silver	10.3	10.0	103	65 - 135	P	08/13/2025	12:37	LB136801

Metals
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INTERFERENCE CHECK SAMPLE

Client: <u>G Environmental</u>	SDG No.: <u>Q2826</u>
Contract: <u>GENV01</u>	Lab Code: <u>ACE</u>
ICS Source: <u>EPA</u>	Instrument ID: <u>P4</u>

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	Arsenic	13.5			-20	20	08/13/2025	12:41	LB136801
	Barium	-0.47	6.0	8	-94	106	08/13/2025	12:41	LB136801
	Cadmium	2.33	1.0	233	-5	7	08/13/2025	12:41	LB136801
	Chromium	58.2	52.0	112	42	62	08/13/2025	12:41	LB136801
	Lead	-6.38			-12	12	08/13/2025	12:41	LB136801
	Selenium	2.91			-20	20	08/13/2025	12:41	LB136801
	Silver	2.33			-10	10	08/13/2025	12:41	LB136801
ICSAB01	Arsenic	111	104	107	88.4	120	08/13/2025	12:45	LB136801
	Barium	492	537	92	437	637	08/13/2025	12:45	LB136801
	Cadmium	994	972	102	826	1120	08/13/2025	12:45	LB136801
	Chromium	558	542	103	460	624	08/13/2025	12:45	LB136801
	Lead	42.2	49.0	86	37	61	08/13/2025	12:45	LB136801
	Selenium	50.5	46.0	110	26	66	08/13/2025	12:45	LB136801
	Silver	216	201	108	170	232	08/13/2025	12:45	LB136801



METAL QC DATA

metals
- 5a -
MATRIX SPIKE SUMMARY

client: <u>G Environmental</u>	level: <u>low</u>	sdg no.: <u>Q2826</u>
contract: <u>GENV01</u>		lab code: <u>ACE</u>
matrix: <u>Water</u>	sample id: <u>Q2831-03</u>	client id: <u>VNJ-238MS</u>
Percent Solids for Sample: <u>NA</u>	Spiked ID: <u>Q2831-03MS</u>	Percent Solids for Spike Sample: <u>NA</u>

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Arsenic	ug/L	75 - 125	4230		100	U	4000	106		P
Barium	ug/L	75 - 125	1910		1260		1000	65	N	P
Cadmium	ug/L	75 - 125	1010		4.99	J	1000	101		P
Chromium	ug/L	75 - 125	2100		50.0	U	2000	105		P
Lead	ug/L	75 - 125	4830		36.2	J	5000	96		P
Mercury	ug/L	75 - 125	41.3		2.00	U	40.0	103		CV
Selenium	ug/L	75 - 125	10500		100	U	10000	105		P
Silver	ug/L	75 - 125	388		50.0	U	380	102		P

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: <u>G Environmental</u>	level: <u>low</u>	sdg no.: <u>Q2826</u>
contract: <u>GENV01</u>		lab code: <u>ACE</u>
matrix: <u>Water</u>	sample id: <u>Q2831-03</u>	client id: <u>VNJ-238MSD</u>
Percent Solids for Sample: <u>NA</u>	Spiked ID: <u>Q2831-03MSD</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
Arsenic	ug/L	75 - 125	4120		100	U	4000	103		P
Barium	ug/L	75 - 125	2040		1260		1000	78		P
Cadmium	ug/L	75 - 125	989		4.99	J	1000	98		P
Chromium	ug/L	75 - 125	2070		50.0	U	2000	104		P
Lead	ug/L	75 - 125	4680		36.2	J	5000	93		P
Mercury	ug/L	75 - 125	41.7		2.00	U	40.0	104		CV
Selenium	ug/L	75 - 125	10400		100	U	10000	104		P
Silver	ug/L	75 - 125	381		50.0	U	380	100		P

Metals
- 5b -
POST DIGEST SPIKE SUMMARY

Client: G Environmental

SDG No.: Q2826

Contract: GENV01

Lab Code: ACE

Matrix: Water

Level: LOW

Client ID: VNJ-238A

Sample ID: Q2831-03

Spiked ID: Q2831-03A

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Barium	ug/L	75 - 125	2080		1260		1000	81		P

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client:	<u>G Environmental</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q2826</u>
Contract:	<u>GENV01</u>			Lab Code:	<u>ACE</u>
Matrix:	<u>Water</u>	Sample ID:	<u>Q2831-03</u>	Client ID:	<u>VNJ-238DUP</u>
Percent Solids for Sample:	NA	Duplicate ID	Q2831-03DUP	Percent Solids for Spike Sample:	NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Arsenic	ug/L	20	100	U	100	U			P
Barium	ug/L	20	1260		683		59	*	P
Cadmium	ug/L	20	4.99	J	30.0	U	200.0		P
Chromium	ug/L	20	50.0	U	50.0	U			P
Lead	ug/L	20	36.2	J	17.5	J	70		P
Mercury	ug/L	20	2.00	U	2.00	U			CV
Selenium	ug/L	20	100	U	100	U			P
Silver	ug/L	20	50.0	U	50.0	U			P

Metals

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DUPLICATE SAMPLE SUMMARY

Client:	<u>G Environmental</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q2826</u>
Contract:	<u>GENV01</u>			Lab Code:	<u>ACE</u>
Matrix:	<u>Water</u>	Sample ID:	<u>Q2831-03MS</u>	Client ID:	<u>VNJ-238MSD</u>
Percent Solids for Sample:	NA	Duplicate ID	Q2831-03MSD	Percent Solids for Spike Sample:	NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Arsenic	ug/L	20	4230		4120		3		P
Barium	ug/L	20	1910		2040		7		P
Cadmium	ug/L	20	1010		989		2		P
Chromium	ug/L	20	2100		2070		1		P
Lead	ug/L	20	4830		4680		3		P
Mercury	ug/L	20	41.3		41.7		1		CV
Selenium	ug/L	20	10500		10400		1		P
Silver	ug/L	20	388		381		2		P

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client:	<u>G Environmental</u>	SDG No.:	<u>Q2826</u>
Contract:	<u>GENV01</u>	Lab Code:	<u>ACE</u>

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB169214BS							
Arsenic	ug/L	4000	3970		99	80 - 120	P
Barium	ug/L	1000	945		94	80 - 120	P
Cadmium	ug/L	1000	950		95	80 - 120	P
Chromium	ug/L	2000	2050		102	80 - 120	P
Lead	ug/L	5000	4780		96	80 - 120	P
Selenium	ug/L	10000	10100		101	80 - 120	P
Silver	ug/L	380	383		101	80 - 120	P

Metals

- 7 -

LABORATORY CONTROL SAMPLE SUMMARY

Client: G Environmental

SDG No.: Q2826

Contract: GENV01

Lab Code: ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB169233BS Mercury	ug/L	4.0	4.02		100	80 - 120	CV

Metals
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ICP SERIAL DILUTIONS

SAMPLE NO.

VNJ-238L

Lab Name: Alliance **Contract:** GENV01
Lab Code: ACE **Lb No.:** lb136801 **Lab Sample ID :** Q2831-03L **SDG No.:** Q2826
Matrix (soil/water): Water **Level (low/med):** LOW
Concentration Units: ug/L

Analyte	Initial Sample Result (I)		Serial Dilution Result (S)		% Differ- ence	Q	M
Arsenic	100	U	500	U			P
Barium	1260		1140	J	10		P
Cadmium	4.99	J	150	U	100.0		P
Chromium	50.0	U	250	U			P
Lead	36.2	J	300	U	100.0		P
Mercury	2.00	U	10.0	U			CV
Selenium	100	U	500	U			P
Silver	50.0	U	250	U			P

metals
- 14 -
ANALYSIS RUN LOG

Client: G Environmental

Contract: GENV01

Lab code: ACE

Sdg no.: Q2826

Instrument id number: _____

Method: _____

Run number: LB136797

Start date: 08/13/2025

End date: 08/13/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1055	HG
S0.2	S0.2	1	1057	HG
S2.5	S2.5	1	1059	HG
S5	S5	1	1102	HG
S7.5	S7.5	1	1104	HG
S10	S10	1	1106	HG
ICV12	ICV12	1	1110	HG
ICB12	ICB12	1	1119	HG
CCV35	CCV35	1	1122	HG
CCB35	CCB35	1	1124	HG
CRA	CRA	1	1126	HG
PB169233BL	PB169233BL	1	1133	HG
PB169233BS	PB169233BS	1	1135	HG
Q2826-02	WC1	1	1140	HG
CCV36	CCV36	1	1149	HG
CCB36	CCB36	1	1151	HG
Q2831-03DUP	VNJ-238DUP	1	1154	HG
Q2831-03MS	VNJ-238MS	1	1156	HG
Q2831-03MSD	VNJ-238MSD	1	1158	HG
Q2831-03L	VNJ-238L	5	1201	HG
PB169200TB	PB169200TB	1	1205	HG
CCV37	CCV37	1	1208	HG
CCB37	CCB37	1	1210	HG

metals
- 14 -
ANALYSIS RUN LOG

Client: G Environmental

Contract: GENV01

Lab code: ACE

Sdg no.: Q2826

Instrument id number: _____

Method: _____

Run number: LB136801

Start date: 08/13/2025

End date: 08/13/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1156	Ag,As,Ba,Cd,Cr,Pb,Se
S1	S1	1	1200	Ag,As,Ba,Cd,Cr,Pb,Se
S2	S2	1	1204	Ag,As,Ba,Cd,Cr,Pb,Se
S3	S3	1	1208	Ag,As,Ba,Cd,Cr,Pb,Se
S4	S4	1	1212	Ag,As,Ba,Cd,Cr,Pb,Se
S5	S5	1	1217	Ag,As,Ba,Cd,Cr,Pb,Se
ICV01	ICV01	1	1221	Ag,As,Ba,Cd,Cr,Pb,Se
LLICV01	LLICV01	1	1228	Ag,As,Ba,Cd,Cr,Pb,Se
ICB01	ICB01	1	1233	Ag,As,Ba,Cd,Cr,Pb,Se
CRI01	CRI01	1	1237	Ag,As,Ba,Cd,Cr,Pb,Se
ICSA01	ICSA01	1	1241	Ag,As,Ba,Cd,Cr,Pb,Se
ICSAB01	ICSAB01	1	1245	Ag,As,Ba,Cd,Cr,Pb,Se
CCV01	CCV01	1	1258	Ag,As,Ba,Cd,Cr,Pb,Se
CCB01	CCB01	1	1303	Ag,As,Ba,Cd,Cr,Pb,Se
CCV02	CCV02	1	1342	Ag,As,Ba,Cd,Cr,Pb,Se
CCB02	CCB02	1	1346	Ag,As,Ba,Cd,Cr,Pb,Se
Q2831-03DUP	VNJ-238DUP	1	1428	Ag,As,Ba,Cd,Cr,Pb,Se
CCV03	CCV03	1	1433	Ag,As,Ba,Cd,Cr,Pb,Se
CCB03	CCB03	1	1437	Ag,As,Ba,Cd,Cr,Pb,Se
Q2831-03L	VNJ-238L	5	1441	Ag,As,Ba,Cd,Cr,Pb,Se
Q2831-03MS	VNJ-238MS	1	1446	Ag,As,Ba,Cd,Cr,Pb,Se
Q2831-03MSD	VNJ-238MSD	1	1450	Ag,As,Ba,Cd,Cr,Pb,Se
Q2831-03A	VNJ-238A	1	1454	Ba
PB169214BL	PB169214BL	1	1458	Ag,As,Ba,Cd,Cr,Pb,Se
PB169214BS	PB169214BS	1	1502	Ag,As,Ba,Cd,Cr,Pb,Se
CCV04	CCV04	1	1523	Ag,As,Ba,Cd,Cr,Pb,Se
CCB04	CCB04	1	1527	Ag,As,Ba,Cd,Cr,Pb,Se
PB169200TB	PB169200TB	1	1531	Ag,As,Ba,Cd,Cr,Pb,Se
Q2826-02	WC1	1	1540	Ag,As,Ba,Cd,Cr,Pb,Se
CCV05	CCV05	1	1614	Ag,As,Ba,Cd,Cr,Pb,Se
CCB05	CCB05	1	1619	Ag,As,Ba,Cd,Cr,Pb,Se
CCV06	CCV06	1	1705	Ag,As,Ba,Cd,Cr,Pb,Se
CCB06	CCB06	1	1709	Ag,As,Ba,Cd,Cr,Pb,Se
CCV07	CCV07	1	1746	Ag,As,Ba,Cd,Cr,Pb,Se
CCB07	CCB07	1	1750	Ag,As,Ba,Cd,Cr,Pb,Se



METAL PREPARATION & INSTRUMENT DATA

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental

SDG No.: Q2826

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
Arsenic	193.759	0.0000000	0.0000000	-0.0000440	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000930	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	-0.0000920	0.0000000	0.0000380	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	-0.0001440	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	-0.0001490	0.0000000	0.0000000

Metals

- 11 -

ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental

SDG No.: Q2826

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
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0002870
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0003170	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	-0.0003570
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Metals

- 11 -

ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental

SDG No.: Q2826

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
Arsenic	193.759	-0.0029000	0.0000000	0.0000000	0.0000000	0.0004900
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000070	0.0002200	0.0000000
Lead	220.353	0.0000000	0.0000000	0.0000000	0.0001400	-0.0008600
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0007460	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	-0.0000120

Metals

- 11 -

ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental

SDG No.: Q2826

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:				
		Na	Ni	Pb	Sb	Se
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0006580	0.0000000	0.0000000	0.0001290
Selenium	196.090	0.0000000	0.0000000	0.0003330	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Metals

- 11 -

ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental

SDG No.: Q2826

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:				
		Sn	Ti	Tl	V	Zn
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000630	0.0001280	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0001110	0.0000000
Lead	220.353	0.0000000	-0.0003610	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	-0.0007420	0.0000000	0.0000000	0.0000000

LAB CHRONICLE

OrderID:	Q2826	OrderDate:	8/11/2025 2:06:00 PM
Client:	G Environmental	Project:	Ave B
Contact:	Gary Landis	Location:	--Select--,D31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2826-01	WC1	SOIL			08/11/25			08/11/25
			Mercury	7471B		08/11/25	08/12/25	
			Metals ICP-TAL	6010D		08/12/25	08/13/25	
Q2826-02	WC1	TCLP			08/11/25			08/11/25
			TCLP ICP Metals	6010D		08/12/25	08/13/25	
			TCLP Mercury	7470A		08/12/25	08/13/25	



METAL PREPARATION & ANALYICAL SUMMARY

Metals

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SAMPLE PREPARATION SUMMARY

Client: G Environmental

SDG No.: Q2826

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: PB169214							
PB169200TB	PB169200TB	MB	WATER	08/12/2025	5.0	25.0	
PB169214BL	PB169214BL	MB	WATER	08/12/2025	5.0	25.0	
PB169214BS	PB169214BS	LCS	WATER	08/12/2025	5.0	25.0	
Q2826-02	WC1	SAM	WATER	08/12/2025	5.0	25.0	
Q2831-03DUP	VNJ-238DUP	DUP	WATER	08/12/2025	5.0	25.0	
Q2831-03MS	VNJ-238MS	MS	WATER	08/12/2025	5.0	25.0	
Q2831-03MSD	VNJ-238MSD	MSD	WATER	08/12/2025	5.0	25.0	

Metals

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SAMPLE PREPARATION SUMMARY

Client: G Environmental

SDG No.: Q2826

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: PB169233							
PB169200TB	PB169200TB	MB	WATER	08/12/2025	3.0	30.0	
PB169233BL	PB169233BL	MB	WATER	08/12/2025	30.0	30.0	
PB169233BS	PB169233BS	LCS	WATER	08/12/2025	30.0	30.0	
Q2826-02	WC1	SAM	WATER	08/12/2025	3.0	30.0	
Q2831-03DUP	VNJ-238DUP	DUP	WATER	08/12/2025	3.0	30.0	
Q2831-03MS	VNJ-238MS	MS	WATER	08/12/2025	3.0	30.0	
Q2831-03MSD	VNJ-238MSD	MSD	WATER	08/12/2025	3.0	30.0	

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB136797

Review By	sagar	Review On	8/13/2025 12:41:39 PM
Supervise By	jaswal	Supervise On	8/13/2025 9:42:39 PM
STD. NAME	STD REF.#		
ICAL Standard	MP86723,MP86723,MP86724,MP86725,MP86726,MP86727,MP86729		
ICV Standard	MP86729		
CCV Standard	MP86731		
ICSA Standard			
CRI Standard	MP86733		
LCS Standard			
Chk Standard	MP86730,MP86732,MP86734,MP86737		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	08/13/25 10:55		sagar	OK
2	S0.2	S0.2	CAL2	08/13/25 10:57		sagar	OK
3	S2.5	S2.5	CAL3	08/13/25 10:59		sagar	OK
4	S5	S5	CAL4	08/13/25 11:02		sagar	OK
5	S7.5	S7.5	CAL5	08/13/25 11:04		sagar	OK
6	S10	S10	CAL6	08/13/25 11:06		sagar	OK
7	ICV12	ICV12	ICV	08/13/25 11:10		sagar	OK
8	ICB12	ICB12	ICB	08/13/25 11:19		sagar	OK
9	CCV35	CCV35	CCV	08/13/25 11:22		sagar	OK
10	CCB35	CCB35	CCB	08/13/25 11:24		sagar	OK
11	CRA	CRA	CRDL	08/13/25 11:26		sagar	OK
12	HighStd	HighStd	HIGH STD	08/13/25 11:28		sagar	OK
13	ChkStd	ChkStd	SAM	08/13/25 11:31		sagar	OK
14	PB169233BL	PB169233BL	MB	08/13/25 11:33		sagar	OK
15	PB169233BS	PB169233BS	LCS	08/13/25 11:35		sagar	OK
16	Q2808-04	TP-7	SAM	08/13/25 11:38		sagar	OK
17	Q2826-02	WC1	SAM	08/13/25 11:40		sagar	OK
18	Q2827-04	TP-8	SAM	08/13/25 11:42		sagar	OK

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB136797

Review By	sagar	Review On	8/13/2025 12:41:39 PM
Supervise By	jaswal	Supervise On	8/13/2025 9:42:39 PM
STD. NAME	STD REF.#		
ICAL Standard	MP86723,MP86723,MP86724,MP86725,MP86726,MP86727,MP86729		
ICV Standard	MP86729		
CCV Standard	MP86731		
ICSA Standard			
CRI Standard	MP86733		
LCS Standard			
Chk Standard	MP86730,MP86732,MP86734,MP86737		

19	Q2827-08	TP-9	SAM	08/13/25 11:44		sagar	OK
20	Q2831-03	VNJ-238	SAM	08/13/25 11:47		sagar	OK
21	CCV36	CCV36	CCV	08/13/25 11:49		sagar	OK
22	CCB36	CCB36	CCB	08/13/25 11:51		sagar	OK
23	Q2831-03DUP	VNJ-238DUP	DUP	08/13/25 11:54		sagar	OK
24	Q2831-03MS	VNJ-238MS	MS	08/13/25 11:56		sagar	OK
25	Q2831-03MSD	VNJ-238MSD	MSD	08/13/25 11:58		sagar	OK
26	Q2831-03L	VNJ-238L	SD	08/13/25 12:01		sagar	OK
27	Q2831-03A	VNJ-238A	PS	08/13/25 12:03		sagar	OK
28	PB169200TB	PB169200TB	MB	08/13/25 12:05		sagar	OK
29	CCV37	CCV37	CCV	08/13/25 12:08		sagar	OK
30	CCB37	CCB37	CCB	08/13/25 12:10		sagar	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB136801

Review By	Janvi	Review On	8/15/2025 10:10:36 AM
Supervise By	jaswal	Supervise On	8/19/2025 2:31:42 AM
STD. NAME	STD REF.#		
ICAL Standard	MP86640,MP86656,MP86653,MP86643,MP86642,MP86641		
ICV Standard	MP86752,MP86656		
CCV Standard	MP86646		
ICSA Standard	MP86651,MP86753		
CRI Standard	MP86656		
LCS Standard			
Chk Standard	MP86647,MP86648		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	08/13/25 11:56		Jaswal	OK
2	S1	S1	CAL2	08/13/25 12:00		Jaswal	OK
3	S2	S2	CAL3	08/13/25 12:04		Jaswal	OK
4	S3	S3	CAL4	08/13/25 12:08		Jaswal	OK
5	S4	S4	CAL5	08/13/25 12:12		Jaswal	OK
6	S5	S5	CAL6	08/13/25 12:17		Jaswal	OK
7	ICV01	ICV01	ICV	08/13/25 12:21		Jaswal	OK
8	LLICV01	LLICV01	LLICV	08/13/25 12:28		Jaswal	OK
9	ICB01	ICB01	ICB	08/13/25 12:33		Jaswal	OK
10	CRI01	CRI01	CRDL	08/13/25 12:37		Jaswal	OK
11	ICSA01	ICSA01	ICSA	08/13/25 12:41		Jaswal	OK
12	ICSAB01	ICSAB01	ICSAB	08/13/25 12:45		Jaswal	OK
13	ICSADL	ICSADL	ICSA	08/13/25 12:49		Jaswal	OK
14	ICSABDL	ICSABDL	ICSAB	08/13/25 12:54		Jaswal	OK
15	CCV01	CCV01	CCV	08/13/25 12:58		Jaswal	OK
16	CCB01	CCB01	CCB	08/13/25 13:03		Jaswal	OK
17	Q2828-01	POWDER	SAM	08/13/25 13:07		Jaswal	OK
18	Q2828-01DUP	POWDERDUP	DUP	08/13/25 13:12		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB136801

Review By	Janvi	Review On	8/15/2025 10:10:36 AM
Supervise By	jaswal	Supervise On	8/19/2025 2:31:42 AM
STD. NAME	STD REF.#		
ICAL Standard	MP86640,MP86656,MP86653,MP86643,MP86642,MP86641		
ICV Standard	MP86752,MP86656		
CCV Standard	MP86646		
ICSA Standard	MP86651,MP86753		
CRI Standard	MP86656		
LCS Standard			
Chk Standard	MP86647,MP86648		

19	Q2828-01L	POWDERL	SD	08/13/25 13:16		Jaswal	OK
20	Q2828-01MS	POWDERMS	MS	08/13/25 13:20		Jaswal	OK
21	Q2828-01MSD	POWDERMSD	MSD	08/13/25 13:25		Jaswal	OK
22	Q2828-01A	POWDERA	PS	08/13/25 13:30	0.1 ml of each M6004 and M6017 in 10ml sample	Jaswal	OK
23	CCV02	CCV02	CCV	08/13/25 13:42		Jaswal	OK
24	CCB02	CCB02	CCB	08/13/25 13:46		Jaswal	OK
25	Q2830-01	BIN0009-DRIVEWAY-	SAM	08/13/25 13:50		Jaswal	OK
26	Q2830-03	BIN0009-DRIVEWAY-	SAM	08/13/25 13:55		Jaswal	OK
27	Q2830-05	BIN0009-DRIVEWAY-	SAM	08/13/25 13:59		Jaswal	OK
28	Q2830-07	BIN0009-DRIVEWAY-	SAM	08/13/25 14:03		Jaswal	OK
29	Q2831-01	VNJ-238	SAM	08/13/25 14:07		Jaswal	OK
30	Q2818-01	B-2-5-1	SAM	08/13/25 14:11		Jaswal	OK
31	Q2818-02	B-3-5-2	SAM	08/13/25 14:16		Jaswal	OK
32	Q2823-01	SU-04-081125	SAM	08/13/25 14:20		Jaswal	OK
33	Q2831-03	VNJ-238	SAM	08/13/25 14:24		Jaswal	OK
34	Q2831-03DUP	VNJ-238DUP	DUP	08/13/25 14:28		Jaswal	OK
35	CCV03	CCV03	CCV	08/13/25 14:33		Jaswal	OK
36	CCB03	CCB03	CCB	08/13/25 14:37		Jaswal	OK
37	Q2831-03L	VNJ-238L	SD	08/13/25 14:41		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB136801

Review By	Janvi	Review On	8/15/2025 10:10:36 AM
Supervise By	jaswal	Supervise On	8/19/2025 2:31:42 AM
STD. NAME	STD REF.#		
ICAL Standard	MP86640,MP86656,MP86653,MP86643,MP86642,MP86641		
ICV Standard	MP86752,MP86656		
CCV Standard	MP86646		
ICSA Standard	MP86651,MP86753		
CRI Standard	MP86656		
LCS Standard			
Chk Standard	MP86647,MP86648		

38	Q2831-03MS	VNJ-238MS	MS	08/13/25 14:46		Jaswal	OK
39	Q2831-03MSD	VNJ-238MSD	MSD	08/13/25 14:50		Jaswal	OK
40	Q2831-03A	VNJ-238A	PS	08/13/25 14:54	0.1 ml of each M6004 and M6017 in 10ml sample	Jaswal	OK
41	PB169214BL	PB169214BL	MB	08/13/25 14:58		Jaswal	OK
42	PB169214BS	PB169214BS	LCS	08/13/25 15:02		Jaswal	OK
43	PB169211BL	PB169211BL	MB	08/13/25 15:06		Jaswal	OK
44	PB169215BL	PB169215BL	MB	08/13/25 15:15		Jaswal	OK
45	PB169211BS	PB169211BS	LCS	08/13/25 15:19		Jaswal	OK
46	CCV04	CCV04	CCV	08/13/25 15:23		Jaswal	OK
47	CCB04	CCB04	CCB	08/13/25 15:27		Jaswal	OK
48	PB169200TB	PB169200TB	MB	08/13/25 15:31		Jaswal	OK
49	Q2808-04	TP-7	SAM	08/13/25 15:36		Jaswal	OK
50	Q2826-02	WC1	SAM	08/13/25 15:40		Jaswal	OK
51	Q2827-04	TP-8	SAM	08/13/25 15:45		Jaswal	OK
52	Q2827-08	TP-9	SAM	08/13/25 15:49		Jaswal	OK
53	Q2808-01	TP-7	SAM	08/13/25 15:53		Jaswal	OK
54	Q2817-01	LEAD-PAINT-CHIPS	SAM	08/13/25 15:58		Jaswal	OK
55	Q2819-06	11M-S	SAM	08/13/25 16:02		Jaswal	OK
56	Q2819-11	84SB-W	SAM	08/13/25 16:06		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB136801

Review By	Janvi	Review On	8/15/2025 10:10:36 AM
Supervise By	jaswal	Supervise On	8/19/2025 2:31:42 AM
STD. NAME	STD REF.#		
ICAL Standard	MP86640,MP86656,MP86653,MP86643,MP86642,MP86641		
ICV Standard	MP86752,MP86656		
CCV Standard	MP86646		
ICSA Standard	MP86651,MP86753		
CRI Standard	MP86656		
LCS Standard			
Chk Standard	MP86647,MP86648		

57	Q2819-14	17M-W	SAM	08/13/25 16:10		Jaswal	OK
58	CCV05	CCV05	CCV	08/13/25 16:14		Jaswal	OK
59	CCB05	CCB05	CCB	08/13/25 16:19		Jaswal	OK
60	Q2820-09	705R-S	SAM	08/13/25 16:23		Jaswal	OK
61	Q2820-10	SOIL-DUP-2	SAM	08/13/25 16:27		Jaswal	OK
62	Q2820-24	22M-S	SAM	08/13/25 16:31		Jaswal	OK
63	Q2826-01	WC1	SAM	08/13/25 16:35		Jaswal	OK
64	Q2827-01	TP-8	SAM	08/13/25 16:39		Jaswal	OK
65	Q2827-05	TP-9	SAM	08/13/25 16:44		Jaswal	OK
66	Q2829-01	SILICA	SAM	08/13/25 16:48		Jaswal	OK
67	Q2832-09	TG-S05	SAM	08/13/25 16:52		Jaswal	OK
68	Q2832-09DUP	TG-S05DUP	DUP	08/13/25 16:56		Jaswal	OK
69	Q2832-09L	TG-S05L	SD	08/13/25 17:00		Jaswal	OK
70	CCV06	CCV06	CCV	08/13/25 17:05		Jaswal	OK
71	CCB06	CCB06	CCB	08/13/25 17:09		Jaswal	OK
72	Q2832-09MS	TG-S05MS	MS	08/13/25 17:13		Jaswal	OK
73	Q2832-09MSD	TG-S05MSD	MSD	08/13/25 17:17		Jaswal	OK
74	Q2832-09A	TG-S05A	PS	08/13/25 17:21	0.1 ml of each M6004 and M6017 in 10ml sample	Jaswal	OK
75	Q2832-03	TG-S02	SAM	08/13/25 17:25		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB136801

Review By	Janvi	Review On	8/15/2025 10:10:36 AM
Supervise By	jaswal	Supervise On	8/19/2025 2:31:42 AM
STD. NAME	STD REF.#		
ICAL Standard	MP86640,MP86656,MP86653,MP86643,MP86642,MP86641		
ICV Standard	MP86752,MP86656		
CCV Standard	MP86646		
ICSA Standard	MP86651,MP86753		
CRI Standard	MP86656		
LCS Standard			
Chk Standard	MP86647,MP86648		

76	Q2832-05	TG-S03	SAM	08/13/25 17:29		Jaswal	OK
77	Q2832-07	TG-S04	SAM	08/13/25 17:33		Jaswal	OK
78	PB169215BS	PB169215BS	LCS	08/13/25 17:42		Jaswal	OK
79	CCV07	CCV07	CCV	08/13/25 17:46		Jaswal	OK
80	CCB07	CCB07	CCB	08/13/25 17:50		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: 08/12/2025 Time : 12:30 Temp : 97 °C

End Digest Date: 08/12/2025 Time : 15:32 Temp : 98 °C

Digestion tube ID: M6054

Block thermometer ID: MET-DIG. #5

Dig Technician Signature: *SL*

Supervisor Signature: *JSP*

Temp : 1. 96°C 2. N/A

Standard Name	MLS USED	STD REF. # FROM LOG
LFS-1	0.25	M6180
LFS-2	0.25	M6181
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
30% H2O2	N/A	N/A
Conc. HCL	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#1 CELL#50 97C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
08/12/25 16:32	<i>SL Met Dig</i>	<i>JSP Met Lab</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
PB169200TB	PB169200TB	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	1
PB169214BL	PBW214	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	2
PB169214BS	LCS214	<2	5	25	Colorless	Colorless	Clear	Clear	M6180,M6181	3
Q2808-04	TP-7	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	4
Q2826-02	WC1	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	5
Q2827-04	TP-8	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	6
Q2827-08	TP-9	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	7
Q2831-03	VNJ-238	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	8
Q2831-03MS	VNJ-238MS	<2	5	25	Colorless	Colorless	Clear	Clear	M6180,M6181	10
Q2831-03MSD	VNJ-238MSD	<2	5	25	Colorless	Colorless	Clear	Clear	M6180,M6181	11
Q2831-03DUP	VNJ-238DUP	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	9

SOP ID : M7470A-Mercury-20

SDG No : N/A

Matrix : WATER

Pipette ID: HG A

Balance ID : N/A

Filter paper ID : N/A

pH Strip ID : M6069

Hood ID : #1

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

Start Digest Date: 08/12/2025 Time : 12:30 Temp : 95 °C

End Digest Date: 08/12/2025 Time : 14:32 Temp : 95 °C

Digestion tube ID: M5595

Block thermometer ID: HG-DIG#1

Dig Technician Signature: *S/23*

Supervisor Signature: *59*

Temp : 1. 95°C 2. N/A

Standard Name	MLS USED	STD REF. # FROM LOG
ICV	30mL	MP86729
CCV	30mL	MP86731
CRA	30mL	MP86733
Blank Spike	0.48mL	MP86722
Matrix Spike	0.48mL	MP86722

Chemical Used	ML/SAMPLE USED	Lot Number
HNO3/H2SO4(1:2)	2.25mL	MP85892
KMnO4 (5%)	4.5mL	MP85893
K2S2O8 (5%)	2.4mL	MP85894
Hydroxylamine HCL (12%)	1.8mL	MP85895
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

LAB SAMPLE ID	CLIENT SAMPLE ID	Wt(g)/Vol(ml)	Comment
0.0 ppb	S0	30mL	MP86723
0.05 ppb	S0.05	N/A	N/A
0.2 ppb	S0.2	30mL	MP86724
2.5 ppb	S2.5	30mL	MP86725
5.0 ppb	S5.0	30mL	MP86726
7.5 ppb	S7.5	30mL	MP86727
10.0 ppb	S10.0	30mL	MP86728
ICV	ICV	30mL	MP86729
ICB	ICB	30mL	MP86730
CCV	CCV	30mL	MP86731
CCB	CCB	30mL	MP86732
CRI	CRI	30mL	MP86733
CHK STD	CHK STD	30mL	MP86734

Extraction Conformance/Non-Conformance Comments:

N/A		
Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
08/12/25 14:32	<i>S/23 met dig</i>	<i>057 Metals Lab</i>
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	Initial Vol (ml)	Final Vol (ml)	pH	Comment	Prep Pos
PB169200TB	PB169200TB	3	30	<2	N/A	1-1
PB169233BL	PBW233	30	30	<2	N/A	2
PB169233BS	LCS233	30	30	<2	MP86722	3
Q2808-04	TP-7	3	30	<2	N/A	4
Q2826-02	WC1	3	30	<2	N/A	5
Q2827-04	TP-8	3	30	<2	N/A	6
Q2827-08	TP-9	3	30	<2	N/A	7
Q2831-03	VNJ-238	3	30	<2	N/A	8
Q2831-03MS	VNJ-238MS	3	30	<2	MP86722	10
Q2831-03MSD	VNJ-238MSD	3	30	<2	MP86722	11
Q2831-03DUP	VNJ-238DUP	3	30	<2	N/A	9

A
B
C
D
E
F
G
H
I
J

SOP ID :	M1311-TCLP-16	
SDG No :	N/A	Start Prep Date : 08/11/2025 Time : 17:00
Weigh By :	JP	End Prep Date : 08/12/2025 Time : 10:35
Balance ID :	WC SC-7	Combination Ratio : 20
pH Meter ID :	WC PH METER-1	ZHE Cleaning Batch : N/A 10
Extraction By :	JP	Initial Room Temperature: 23 °C
Filter By :	JP	Final Room Temperature: 22 °C
Pipette ID :	WC	TCLP Technician Signature : <i>[Signature]</i>
Tumbler ID :	T-1	Supervisor By : <i>[Signature]</i>
TCLP Filter ID :	115525	

Standardized Name	MLS USED	STD REF. # FROM LOG
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

Chemical Used	ML/SAMPLE U	Lot Number
TCLP-FLUID-1	N/A	WP112804
HCL-TCLP,1N	N/A	WP112797
HNO3-TCLP,1N	N/A	WP112799
pH Strips	N/A	W1931,W1934,W3171,W3172
pH Strips	W1940,W1941,W1942	W3166,W1938,W1939,
1 Liter Amber	N/A	90924-08
120ml Plastic bottle	N/A	2738
1:1 HNO3	N/A	MP84041

Extraction Conformance/Non-Conformance Comments:

Matrix spikes are added after filtration and before preservation. TUMBLER T-1 checked,30 rpm. Q28341-03 IS USED FOR MS-MSD. Particle size reduction is not required.

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
08/12/25 11:40	<i>[Signature]</i> / TCLP Room	<i>[Signature]</i> RJ / Ext
	Preparation Group	Analysis Group <i>[Signature]</i>

Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
PB169200TB	LEB200	06	N/A	2000	N/A	N/A	N/A	4.94	1.0	T-1
Q2808-04	TP-7	01	100.02	2000	N/A	N/A	N/A	6.2	1.5	T-1
Q2826-02	WC1	02	100.03	2000	N/A	N/A	N/A	7.6	1.0	T-1
Q2827-04	TP-8	03	100.02	2000	N/A	N/A	N/A	6.0	1.5	T-1
Q2827-08	TP-9	04	100.03	2000	N/A	N/A	N/A	7.0	1.0	T-1
Q2831-03	VNJ-238	05	100.04	2000	N/A	N/A	N/A	4.5	1.5	T-1

SampleID	ClientID	Sample Weight (g)	Filter Weight (g)	Filtrate (mL)	Filter + Solid (After 100°C)	% solids	% Dry Solids
PB169200TB	LEB200	N/A	N/A	N/A	N/A	N/A	N/A
Q2808-04	TP-7	N/A	N/A	N/A	N/A	100	N/A
Q2826-02	WC1	N/A	N/A	N/A	N/A	100	N/A
Q2827-04	TP-8	N/A	N/A	N/A	N/A	100	N/A
Q2827-08	TP-9	N/A	N/A	N/A	N/A	100	N/A
Q2831-03	VNJ-238	N/A	N/A	N/A	N/A	100	N/A

Hot Block ID : WC S-1 / WC S-2

Thermometer ID : FLASHPOINT

SampleID	ClientID	Sample Weight (g)	Volume DI Water (mL)	PH after 5 min stir	PH after 10 min stir	Extraction Fluid 1 or 2	pH Extraction Fluid
PB169200TB	LEB200	N/A	N/A	N/A	N/A	#1	4.94
Q2808-04	TP-7	5.02	96.5	8.4	N/A	#1	4.94
Q2826-02	WC1	5.03	96.5	10.0	N/A	#1	4.94
Q2827-04	TP-8	5.02	96.5	7.6	N/A	#1	4.94
Q2827-08	TP-9	5.01	96.5	8.6	N/A	#1	4.94
Q2831-03	VNJ-238	5.03	96.5	6.0	N/A	#1	4.94