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Hit Summary Sheet
SW-846

SDG No.: Q3740 **Order ID:** Q3740

Client: G Environmental **Project ID:** Diamond

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : WC1								
Q3740-02	WC1	TCLP	Arsenic	660		25.6	100	ug/L
Q3740-02	WC1	TCLP	Barium	514		72.8	500	ug/L
Q3740-02	WC1	TCLP	Cadmium	32.1		2.50	30.0	ug/L
Q3740-02	WC1	TCLP	Chromium	173000		10.6	50.0	ug/L

SAMPLE DATA

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Report of Analysis

Client:	G Environmental	Date Collected:	11/26/25
Project:	Diamond	Date Received:	11/26/25
Client Sample ID:	WC1	SDG No.:	Q3740
Lab Sample ID:	Q3740-02	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	660		1	25.6	100	ug/L	12/01/25 12:30	12/01/25 16:28	6010D	M3010A
7440-39-3	Barium	514	N	1	72.8	500	ug/L	12/01/25 12:30	12/01/25 16:28	6010D	M3010A
7440-43-9	Cadmium	32.1		1	2.50	30.0	ug/L	12/01/25 12:30	12/01/25 16:28	6010D	M3010A
7440-47-3	Chromium	173000		1	10.6	50.0	ug/L	12/01/25 12:30	12/01/25 16:28	6010D	M3010A
7439-92-1	Lead	11.5	U	1	11.5	60.0	ug/L	12/01/25 12:30	12/01/25 16:28	6010D	M3010A
7439-97-6	Mercury	0.76	U	1	0.76	2.00	ug/L	12/01/25 12:30	12/01/25 15:39	7470A	M7470A
7782-49-2	Selenium	48.2	U	1	48.2	100	ug/L	12/01/25 12:30	12/01/25 16:28	6010D	M3010A
7440-22-4	Silver	8.10	U	1	8.10	50.0	ug/L	12/01/25 12:30	12/01/25 16:28	6010D	M3010A

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

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q3740

Contract: GENV01 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB132	Mercury	0.076	+/-0.2	U	0.20	CV	12/01/2025	14:56	lb138068

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q3740

Contract: GENV01 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB44	Mercury	0.076	+/-0.2	U	0.20	CV	12/01/2025	15:04	lb138068
CCB45	Mercury	0.076	+/-0.2	U	0.20	CV	12/01/2025	15:37	lb138068
CCB46	Mercury	0.076	+/-0.2	U	0.20	CV	12/01/2025	16:08	lb138068
CCB47	Mercury	0.076	+/-0.2	U	0.20	CV	12/01/2025	16:26	lb138068

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q3740

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	12/01/2025	13:46	LB138072
	Barium	14.6	+/-50	U	100	P	12/01/2025	13:46	LB138072
	Cadmium	0.50	+/-3	U	6.00	P	12/01/2025	13:46	LB138072
	Chromium	2.12	+/-5	U	10.0	P	12/01/2025	13:46	LB138072
	Lead	2.30	+/-6	U	12.0	P	12/01/2025	13:46	LB138072
	Selenium	9.64	+/-10	U	20.0	P	12/01/2025	13:46	LB138072
	Silver	1.62	+/-5	U	10.0	P	12/01/2025	13:46	LB138072

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q3740

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	12/01/2025	14:34	LB138072
	Barium	14.6	+/-50	U	100	P	12/01/2025	14:34	LB138072
	Cadmium	0.50	+/-3	U	6.00	P	12/01/2025	14:34	LB138072
	Chromium	2.12	+/-5	U	10.0	P	12/01/2025	14:34	LB138072
	Lead	2.30	+/-6	U	12.0	P	12/01/2025	14:34	LB138072
	Selenium	9.64	+/-10	U	20.0	P	12/01/2025	14:34	LB138072
	Silver	1.62	+/-5	U	10.0	P	12/01/2025	14:34	LB138072
CCB02	Arsenic	5.12	+/-10	U	20.0	P	12/01/2025	15:31	LB138072
	Barium	14.6	+/-50	U	100	P	12/01/2025	15:31	LB138072
	Cadmium	0.50	+/-3	U	6.00	P	12/01/2025	15:31	LB138072
	Chromium	2.12	+/-5	U	10.0	P	12/01/2025	15:31	LB138072
	Lead	2.30	+/-6	U	12.0	P	12/01/2025	15:31	LB138072
	Selenium	9.64	+/-10	U	20.0	P	12/01/2025	15:31	LB138072
	Silver	1.62	+/-5	U	10.0	P	12/01/2025	15:31	LB138072
CCB03	Arsenic	5.12	+/-10	U	20.0	P	12/01/2025	16:38	LB138072
	Barium	14.6	+/-50	U	100	P	12/01/2025	16:38	LB138072
	Cadmium	0.50	+/-3	U	6.00	P	12/01/2025	16:38	LB138072
	Chromium	2.12	+/-5	U	10.0	P	12/01/2025	16:38	LB138072
	Lead	2.30	+/-6	U	12.0	P	12/01/2025	16:38	LB138072
	Selenium	9.64	+/-10	U	20.0	P	12/01/2025	16:38	LB138072
	Silver	1.62	+/-5	U	10.0	P	12/01/2025	16:38	LB138072
CCB04	Arsenic	5.12	+/-10	U	20.0	P	12/01/2025	17:29	LB138072
	Barium	14.6	+/-50	U	100	P	12/01/2025	17:29	LB138072
	Cadmium	0.50	+/-3	U	6.00	P	12/01/2025	17:29	LB138072
	Chromium	2.12	+/-5	U	10.0	P	12/01/2025	17:29	LB138072
	Lead	2.30	+/-6	U	12.0	P	12/01/2025	17:29	LB138072
	Selenium	9.64	+/-10	U	20.0	P	12/01/2025	17:29	LB138072
	Silver	1.62	+/-5	U	10.0	P	12/01/2025	17:29	LB138072
CCB05	Arsenic	5.12	+/-10	U	20.0	P	12/01/2025	18:20	LB138072
	Barium	14.6	+/-50	U	100	P	12/01/2025	18:20	LB138072
	Cadmium	0.50	+/-3	U	6.00	P	12/01/2025	18:20	LB138072
	Chromium	2.12	+/-5	U	10.0	P	12/01/2025	18:20	LB138072
	Lead	2.30	+/-6	U	12.0	P	12/01/2025	18:20	LB138072
	Selenium	9.64	+/-10	U	20.0	P	12/01/2025	18:20	LB138072
	Silver	1.62	+/-5	U	10.0	P	12/01/2025	18:20	LB138072
CCB06	Arsenic	5.12	+/-10	U	20.0	P	12/01/2025	19:11	LB138072
	Barium	14.6	+/-50	U	100	P	12/01/2025	19:11	LB138072
	Cadmium	0.50	+/-3	U	6.00	P	12/01/2025	19:11	LB138072
	Chromium	2.12	+/-5	U	10.0	P	12/01/2025	19:11	LB138072

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q3740

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	12/01/2025	19:11	LB138072
	Selenium	9.64	+/-10	U	20.0	P	12/01/2025	19:11	LB138072
	Silver	1.62	+/-5	U	10.0	P	12/01/2025	19:11	LB138072
CCB07	Arsenic	5.12	+/-10	U	20.0	P	12/01/2025	19:28	LB138072
	Barium	14.6	+/-50	U	100	P	12/01/2025	19:28	LB138072
	Cadmium	0.50	+/-3	U	6.00	P	12/01/2025	19:28	LB138072
	Chromium	2.12	+/-5	U	10.0	P	12/01/2025	19:28	LB138072
	Lead	2.30	+/-6	U	12.0	P	12/01/2025	19:28	LB138072
	Selenium	9.64	+/-10	U	20.0	P	12/01/2025	19:28	LB138072
	Silver	1.62	+/-5	U	10.0	P	12/01/2025	19:28	LB138072

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q3740

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	12/02/2025	11:38	LB138085
	Barium	14.6	+/-50	U	100	P	12/02/2025	11:38	LB138085
	Cadmium	0.50	+/-3	U	6.00	P	12/02/2025	11:38	LB138085
	Chromium	2.12	+/-5	U	10.0	P	12/02/2025	11:38	LB138085
	Lead	2.30	+/-6	U	12.0	P	12/02/2025	11:38	LB138085
	Selenium	9.64	+/-10	U	20.0	P	12/02/2025	11:38	LB138085
	Silver	1.62	+/-5	U	10.0	P	12/02/2025	11:38	LB138085

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q3740

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	12/02/2025	12:14	LB138085
	Barium	14.6	+/-50	U	100	P	12/02/2025	12:14	LB138085
	Cadmium	0.50	+/-3	U	6.00	P	12/02/2025	12:14	LB138085
	Chromium	2.12	+/-5	U	10.0	P	12/02/2025	12:14	LB138085
	Lead	2.30	+/-6	U	12.0	P	12/02/2025	12:14	LB138085
	Selenium	9.64	+/-10	U	20.0	P	12/02/2025	12:14	LB138085
	Silver	1.62	+/-5	U	10.0	P	12/02/2025	12:14	LB138085
CCB02	Arsenic	5.12	+/-10	U	20.0	P	12/02/2025	13:17	LB138085
	Barium	14.6	+/-50	U	100	P	12/02/2025	13:17	LB138085
	Cadmium	0.50	+/-3	U	6.00	P	12/02/2025	13:17	LB138085
	Chromium	2.12	+/-5	U	10.0	P	12/02/2025	13:17	LB138085
	Lead	2.30	+/-6	U	12.0	P	12/02/2025	13:17	LB138085
	Selenium	9.64	+/-10	U	20.0	P	12/02/2025	13:17	LB138085
	Silver	1.62	+/-5	U	10.0	P	12/02/2025	13:17	LB138085
CCB03	Arsenic	5.12	+/-10	U	20.0	P	12/02/2025	14:15	LB138085
	Barium	14.6	+/-50	U	100	P	12/02/2025	14:15	LB138085
	Cadmium	0.50	+/-3	U	6.00	P	12/02/2025	14:15	LB138085
	Chromium	2.12	+/-5	U	10.0	P	12/02/2025	14:15	LB138085
	Lead	2.30	+/-6	U	12.0	P	12/02/2025	14:15	LB138085
	Selenium	9.64	+/-10	U	20.0	P	12/02/2025	14:15	LB138085
	Silver	1.62	+/-5	U	10.0	P	12/02/2025	14:15	LB138085
CCB04	Arsenic	5.12	+/-10	U	20.0	P	12/02/2025	15:20	LB138085
	Barium	14.6	+/-50	U	100	P	12/02/2025	15:20	LB138085
	Cadmium	0.50	+/-3	U	6.00	P	12/02/2025	15:20	LB138085
	Chromium	2.12	+/-5	U	10.0	P	12/02/2025	15:20	LB138085
	Lead	2.30	+/-6	U	12.0	P	12/02/2025	15:20	LB138085
	Selenium	9.64	+/-10	U	20.0	P	12/02/2025	15:20	LB138085
	Silver	1.62	+/-5	U	10.0	P	12/02/2025	15:20	LB138085
CCB05	Arsenic	5.12	+/-10	U	20.0	P	12/02/2025	16:09	LB138085
	Barium	14.6	+/-50	U	100	P	12/02/2025	16:09	LB138085
	Cadmium	0.50	+/-3	U	6.00	P	12/02/2025	16:09	LB138085
	Chromium	2.12	+/-5	U	10.0	P	12/02/2025	16:09	LB138085
	Lead	2.30	+/-6	U	12.0	P	12/02/2025	16:09	LB138085
	Selenium	9.64	+/-10	U	20.0	P	12/02/2025	16:09	LB138085
	Silver	1.62	+/-5	U	10.0	P	12/02/2025	16:09	LB138085
CCB06	Arsenic	5.12	+/-10	U	20.0	P	12/02/2025	16:59	LB138085
	Barium	14.6	+/-50	U	100	P	12/02/2025	16:59	LB138085
	Cadmium	0.50	+/-3	U	6.00	P	12/02/2025	16:59	LB138085
	Chromium	2.12	+/-5	U	10.0	P	12/02/2025	16:59	LB138085

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q3740

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	12/02/2025	16:59	LB138085
	Selenium	9.64	+/-10	U	20.0	P	12/02/2025	16:59	LB138085
	Silver	1.62	+/-5	U	10.0	P	12/02/2025	16:59	LB138085

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q3740

Contract: GENV01 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number

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Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q3740

Instrument: CV1

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB170754TB		**WATER**		**Batch Number:**	**PB170770**		**Prep Date:**	**12/01/2025**	
	Mercury	0.76	<2	U	2.00	CV	12/01/2025	16:13	lb138068

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB170770BL		**WATER**		**Batch Number:**	**PB170770**		**Prep Date:**	**12/01/2025**	
	Mercury	0.076	<0.2	U	0.20	CV	12/01/2025	15:19	lb138068

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Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q3740

Instrument: P4

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB170754TB		**WATER**		**Batch Number:**	**PB170766**		**Prep Date:**	**12/01/2025**	
	Arsenic	25.6	<50	U	100	P	12/02/2025	16:46	LB138085
	Barium	72.8	<250	U	500	P	12/02/2025	16:46	LB138085
	Cadmium	2.50	<15	U	30.0	P	12/02/2025	16:46	LB138085
	Chromium	24.4	<25	J	50.0	P	12/02/2025	16:46	LB138085
	Lead	11.5	<30	U	60.0	P	12/02/2025	16:46	LB138085
	Selenium	48.2	<50	U	100	P	12/02/2025	16:46	LB138085
	Silver	8.10	<25	U	50.0	P	12/02/2025	16:46	LB138085

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB170766BL		**WATER**		**Batch Number:**	**PB170766**		**Prep Date:**	**12/01/2025**	
	Arsenic	25.6	<50	U	100	P	12/01/2025	16:52	LB138072
	Barium	72.8	<250	U	500	P	12/01/2025	16:52	LB138072
	Cadmium	2.50	<15	U	30.0	P	12/01/2025	16:52	LB138072
	Chromium	10.6	<25	U	50.0	P	12/01/2025	16:52	LB138072
	Lead	11.5	<30	U	60.0	P	12/01/2025	16:52	LB138072
	Selenium	48.2	<50	U	100	P	12/01/2025	16:52	LB138072
	Silver	8.10	<25	U	50.0	P	12/01/2025	16:52	LB138072

METAL CALIBRATION DATA

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q3740

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
ICV132	Mercury	3.68	4.0	92	90 - 110	CV	12/01/2025	14:54	lb138068

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q3740

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
CCV44	Mercury	4.92	5.0	98	90 - 110	CV	12/01/2025	15:02	lb138068
CCV45	Mercury	4.99	5.0	100	90 - 110	CV	12/01/2025	15:34	lb138068
CCV46	Mercury	4.99	5.0	100	90 - 110	CV	12/01/2025	16:06	lb138068
CCV47	Mercury	4.92	5.0	98	90 - 110	CV	12/01/2025	16:24	lb138068

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q3740

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	4020	4000	101	90- 110	P	12/01/2025	13:16	LB138072
	Barium	7850	8000	98	90- 110	P	12/01/2025	13:16	LB138072
	Cadmium	1940	2000	97	90- 110	P	12/01/2025	13:16	LB138072
	Chromium	791	800	99	90- 110	P	12/01/2025	13:16	LB138072
	Lead	3830	4000	96	90- 110	P	12/01/2025	13:16	LB138072
	Selenium	4190	4000	105	90- 110	P	12/01/2025	13:16	LB138072
	Silver	1000	1000	100	90- 110	P	12/01/2025	13:16	LB138072

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q3740

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	23.8	20.0	119	80 - 120	P	12/01/2025	13:42	LB138072
	Barium	105	100	105	80 - 120	P	12/01/2025	13:42	LB138072
	Cadmium	6.23	6.0	104	80 - 120	P	12/01/2025	13:42	LB138072
	Chromium	9.35	10.0	94	80 - 120	P	12/01/2025	13:42	LB138072
	Lead	11.5	12.0	96	80 - 120	P	12/01/2025	13:42	LB138072
	Selenium	20.6	20.0	103	80 - 120	P	12/01/2025	13:42	LB138072
	Silver	9.97	10.0	100	80 - 120	P	12/01/2025	13:42	LB138072

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q3740

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
CCV01	Arsenic	5040	5000	101	90 - 110	P	12/01/2025	14:30	LB138072
	Barium	9960	10000	100	90 - 110	P	12/01/2025	14:30	LB138072
	Cadmium	2470	2500	99	90 - 110	P	12/01/2025	14:30	LB138072
	Chromium	994	1000	99	90 - 110	P	12/01/2025	14:30	LB138072
	Lead	4970	5000	100	90 - 110	P	12/01/2025	14:30	LB138072
	Selenium	5140	5000	103	90 - 110	P	12/01/2025	14:30	LB138072
	Silver	1270	1250	102	90 - 110	P	12/01/2025	14:30	LB138072
CCV02	Arsenic	4990	5000	100	90 - 110	P	12/01/2025	15:26	LB138072
	Barium	10200	10000	102	90 - 110	P	12/01/2025	15:26	LB138072
	Cadmium	2410	2500	97	90 - 110	P	12/01/2025	15:26	LB138072
	Chromium	958	1000	96	90 - 110	P	12/01/2025	15:26	LB138072
	Lead	4870	5000	98	90 - 110	P	12/01/2025	15:26	LB138072
	Selenium	5090	5000	102	90 - 110	P	12/01/2025	15:26	LB138072
	Silver	1250	1250	100	90 - 110	P	12/01/2025	15:26	LB138072
CCV03	Arsenic	5100	5000	102	90 - 110	P	12/01/2025	16:33	LB138072
	Barium	10000	10000	100	90 - 110	P	12/01/2025	16:33	LB138072
	Cadmium	2450	2500	98	90 - 110	P	12/01/2025	16:33	LB138072
	Chromium	995	1000	100	90 - 110	P	12/01/2025	16:33	LB138072
	Lead	4940	5000	99	90 - 110	P	12/01/2025	16:33	LB138072
	Selenium	5180	5000	104	90 - 110	P	12/01/2025	16:33	LB138072
	Silver	1270	1250	102	90 - 110	P	12/01/2025	16:33	LB138072
CCV04	Arsenic	5140	5000	103	90 - 110	P	12/01/2025	17:25	LB138072
	Barium	10500	10000	104	90 - 110	P	12/01/2025	17:25	LB138072
	Cadmium	2500	2500	100	90 - 110	P	12/01/2025	17:25	LB138072
	Chromium	1010	1000	100	90 - 110	P	12/01/2025	17:25	LB138072
	Lead	5050	5000	101	90 - 110	P	12/01/2025	17:25	LB138072
	Selenium	5140	5000	103	90 - 110	P	12/01/2025	17:25	LB138072
	Silver	1310	1250	105	90 - 110	P	12/01/2025	17:25	LB138072
CCV05	Arsenic	5110	5000	102	90 - 110	P	12/01/2025	18:16	LB138072
	Barium	9960	10000	100	90 - 110	P	12/01/2025	18:16	LB138072
	Cadmium	2500	2500	100	90 - 110	P	12/01/2025	18:16	LB138072
	Chromium	1030	1000	103	90 - 110	P	12/01/2025	18:16	LB138072
	Lead	5020	5000	100	90 - 110	P	12/01/2025	18:16	LB138072
	Selenium	5160	5000	103	90 - 110	P	12/01/2025	18:16	LB138072

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q3740

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	1300	1250	104	90 - 110	P	12/01/2025	18:16	LB138072
CCV06	Arsenic	5230	5000	105	90 - 110	P	12/01/2025	19:07	LB138072
	Barium	10300	10000	102	90 - 110	P	12/01/2025	19:07	LB138072
	Cadmium	2540	2500	102	90 - 110	P	12/01/2025	19:07	LB138072
	Chromium	1020	1000	102	90 - 110	P	12/01/2025	19:07	LB138072
	Lead	5110	5000	102	90 - 110	P	12/01/2025	19:07	LB138072
	Selenium	5320	5000	106	90 - 110	P	12/01/2025	19:07	LB138072
	Silver	1310	1250	105	90 - 110	P	12/01/2025	19:07	LB138072
CCV07	Arsenic	5410	5000	108	90 - 110	P	12/01/2025	19:24	LB138072
	Barium	10300	10000	103	90 - 110	P	12/01/2025	19:24	LB138072
	Cadmium	2630	2500	105	90 - 110	P	12/01/2025	19:24	LB138072
	Chromium	1040	1000	104	90 - 110	P	12/01/2025	19:24	LB138072
	Lead	5280	5000	106	90 - 110	P	12/01/2025	19:24	LB138072
	Selenium	5530	5000	110	90 - 110	P	12/01/2025	19:24	LB138072
	Silver	1340	1250	107	90 - 110	P	12/01/2025	19:24	LB138072

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q3740

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	3880	4000	97	90 - 110	P	12/02/2025	11:29	LB138085
	Barium	8280	8000	104	90 - 110	P	12/02/2025	11:29	LB138085
	Cadmium	1920	2000	96	90 - 110	P	12/02/2025	11:29	LB138085
	Chromium	781	800	98	90 - 110	P	12/02/2025	11:29	LB138085
	Lead	3790	4000	95	90 - 110	P	12/02/2025	11:29	LB138085
	Selenium	3970	4000	99	90 - 110	P	12/02/2025	11:29	LB138085
	Silver	1080	1000	108	90 - 110	P	12/02/2025	11:29	LB138085

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q3740

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	22.6	20.0	113	80 - 120	P	12/02/2025	11:34	LB138085
	Barium	104	100	104	80 - 120	P	12/02/2025	11:34	LB138085
	Cadmium	6.22	6.0	104	80 - 120	P	12/02/2025	11:34	LB138085
	Chromium	9.91	10.0	99	80 - 120	P	12/02/2025	11:34	LB138085
	Lead	11.3	12.0	94	80 - 120	P	12/02/2025	11:34	LB138085
	Selenium	18.8	20.0	94	80 - 120	P	12/02/2025	11:34	LB138085
	Silver	10.3	10.0	103	80 - 120	P	12/02/2025	11:34	LB138085

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q3740

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
CCV01	Arsenic	4950	5000	99	90 - 110	P	12/02/2025	12:10	LB138085
	Barium	10200	10000	102	90 - 110	P	12/02/2025	12:10	LB138085
	Cadmium	2470	2500	99	90 - 110	P	12/02/2025	12:10	LB138085
	Chromium	1000	1000	100	90 - 110	P	12/02/2025	12:10	LB138085
	Lead	4950	5000	99	90 - 110	P	12/02/2025	12:10	LB138085
	Selenium	4980	5000	100	90 - 110	P	12/02/2025	12:10	LB138085
	Silver	1250	1250	100	90 - 110	P	12/02/2025	12:10	LB138085
CCV02	Arsenic	5050	5000	101	90 - 110	P	12/02/2025	13:13	LB138085
	Barium	9890	10000	99	90 - 110	P	12/02/2025	13:13	LB138085
	Cadmium	2500	2500	100	90 - 110	P	12/02/2025	13:13	LB138085
	Chromium	1020	1000	102	90 - 110	P	12/02/2025	13:13	LB138085
	Lead	5020	5000	100	90 - 110	P	12/02/2025	13:13	LB138085
	Selenium	5180	5000	104	90 - 110	P	12/02/2025	13:13	LB138085
	Silver	1280	1250	103	90 - 110	P	12/02/2025	13:13	LB138085
CCV03	Arsenic	5040	5000	101	90 - 110	P	12/02/2025	14:11	LB138085
	Barium	10100	10000	102	90 - 110	P	12/02/2025	14:11	LB138085
	Cadmium	2470	2500	99	90 - 110	P	12/02/2025	14:11	LB138085
	Chromium	987	1000	99	90 - 110	P	12/02/2025	14:11	LB138085
	Lead	4970	5000	100	90 - 110	P	12/02/2025	14:11	LB138085
	Selenium	5230	5000	105	90 - 110	P	12/02/2025	14:11	LB138085
	Silver	1260	1250	100	90 - 110	P	12/02/2025	14:11	LB138085
CCV04	Arsenic	5140	5000	103	90 - 110	P	12/02/2025	15:15	LB138085
	Barium	10500	10000	105	90 - 110	P	12/02/2025	15:15	LB138085
	Cadmium	2500	2500	100	90 - 110	P	12/02/2025	15:15	LB138085
	Chromium	990	1000	99	90 - 110	P	12/02/2025	15:15	LB138085
	Lead	5050	5000	101	90 - 110	P	12/02/2025	15:15	LB138085
	Selenium	5330	5000	107	90 - 110	P	12/02/2025	15:15	LB138085
	Silver	1280	1250	102	90 - 110	P	12/02/2025	15:15	LB138085
CCV05	Arsenic	5040	5000	101	90 - 110	P	12/02/2025	16:05	LB138085
	Barium	10600	10000	106	90 - 110	P	12/02/2025	16:05	LB138085
	Cadmium	2460	2500	98	90 - 110	P	12/02/2025	16:05	LB138085
	Chromium	968	1000	97	90 - 110	P	12/02/2025	16:05	LB138085
	Lead	4950	5000	99	90 - 110	P	12/02/2025	16:05	LB138085
	Selenium	5220	5000	104	90 - 110	P	12/02/2025	16:05	LB138085

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q3740

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	12/02/2025	16:05	LB138085
CCV06	Arsenic	5050	5000	101	90 - 110	P	12/02/2025	16:55	LB138085
	Barium	10400	10000	104	90 - 110	P	12/02/2025	16:55	LB138085
	Cadmium	2470	2500	99	90 - 110	P	12/02/2025	16:55	LB138085
	Chromium	983	1000	98	90 - 110	P	12/02/2025	16:55	LB138085
	Lead	5000	5000	100	90 - 110	P	12/02/2025	16:55	LB138085
	Selenium	5220	5000	104	90 - 110	P	12/02/2025	16:55	LB138085
	Silver	1260	1250	101	90 - 110	P	12/02/2025	16:55	LB138085

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Metals

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CRDL STANDARD FOR AA & ICP

Client: G Environmental **SDG No.:** Q3740

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	Arsenic	22.7	20.0	114	65 - 135	P	12/01/2025	13:50	LB138072
	Barium	102	100	102	65 - 135	P	12/01/2025	13:50	LB138072
	Cadmium	6.21	6.0	104	65 - 135	P	12/01/2025	13:50	LB138072
	Chromium	9.87	10.0	99	65 - 135	P	12/01/2025	13:50	LB138072
	Lead	13.2	12.0	110	65 - 135	P	12/01/2025	13:50	LB138072
	Selenium	22.4	20.0	112	65 - 135	P	12/01/2025	13:50	LB138072
	Silver	10.2	10.0	102	65 - 135	P	12/01/2025	13:50	LB138072
CRA	Mercury	0.15	0.2	73	70 - 130	CV	12/01/2025	15:09	lb138068
CRI01	Arsenic	20.2	20.0	101	65 - 135	P	12/02/2025	11:42	LB138085
	Barium	102	100	102	65 - 135	P	12/02/2025	11:42	LB138085
	Cadmium	6.34	6.0	106	65 - 135	P	12/02/2025	11:42	LB138085
	Chromium	10.6	10.0	106	65 - 135	P	12/02/2025	11:42	LB138085
	Lead	10.2	12.0	85	65 - 135	P	12/02/2025	11:42	LB138085
	Selenium	19.3	20.0	96	65 - 135	P	12/02/2025	11:42	LB138085
	Silver	10.1	10.0	101	65 - 135	P	12/02/2025	11:42	LB138085

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Metals
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INTERFERENCE CHECK SAMPLE

Client: G Environmental **SDG No.:** Q3740

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	Arsenic	4.50			-20	20	12/01/2025	13:55	LB138072
	Barium	4.98	6.0	83	-94	106	12/01/2025	13:55	LB138072
	Cadmium	4.78	1.0	478	-5	7	12/01/2025	13:55	LB138072
	Chromium	59.8	52.0	115	42	62	12/01/2025	13:55	LB138072
	Lead	2.07			-12	12	12/01/2025	13:55	LB138072
	Selenium	-14.4			-20	20	12/01/2025	13:55	LB138072
	Silver	-8.77			-10	10	12/01/2025	13:55	LB138072
ICSAB01	Arsenic	106	104	102	88.4	120	12/01/2025	14:09	LB138072
	Barium	515	537	96	437	637	12/01/2025	14:09	LB138072
	Cadmium	979	972	101	826	1120	12/01/2025	14:09	LB138072
	Chromium	528	542	97	460	624	12/01/2025	14:09	LB138072
	Lead	53.1	49.0	108	37	61	12/01/2025	14:09	LB138072
	Selenium	41.4	46.0	90	26	66	12/01/2025	14:09	LB138072
	Silver	174	201	87	170	232	12/01/2025	14:09	LB138072
ICSA01	Arsenic	2.54			-20	20	12/02/2025	11:52	LB138085
	Barium	4.18	6.0	70	-94	106	12/02/2025	11:52	LB138085
	Cadmium	4.20	1.0	420	-5	7	12/02/2025	11:52	LB138085
	Chromium	46.6	52.0	90	42	62	12/02/2025	11:52	LB138085
	Lead	5.64			-12	12	12/02/2025	11:52	LB138085
	Selenium	-2.16			-20	20	12/02/2025	11:52	LB138085
	Silver	8.41			-10	10	12/02/2025	11:52	LB138085
ICSAB01	Arsenic	108	104	104	88.4	120	12/02/2025	11:57	LB138085
	Barium	500	537	93	437	637	12/02/2025	11:57	LB138085
	Cadmium	1000	972	103	826	1120	12/02/2025	11:57	LB138085
	Chromium	538	542	99	460	624	12/02/2025	11:57	LB138085
	Lead	52.6	49.0	107	37	61	12/02/2025	11:57	LB138085
	Selenium	41.4	46.0	90	26	66	12/02/2025	11:57	LB138085
	Silver	185	201	92	170	232	12/02/2025	11:57	LB138085

METAL QC DATA

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MATRIX SPIKE SUMMARY

client: G Environmental **level:** low **sdg no.:** Q3740

contract: GENV01 **lab code:** ACE

matrix: Water **sample id:** Q3736-02 **client id:** D1MS

Percent Solids for Sample: NA **Spiked ID:** Q3736-02MS **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Arsenic	ug/L	75 - 125	4000		100	U	4000	100		P
Barium	ug/L	75 - 125	3240		3230		1000	1	N	P
Cadmium	ug/L	75 - 125	938		9.28	J	1000	93		P
Chromium	ug/L	75 - 125	2010		165		2000	92		P
Lead	ug/L	75 - 125	4760		267		5000	90		P
Mercury	ug/L	75 - 125	35.1		2.00	U	40.0	88		CV
Selenium	ug/L	75 - 125	10100		100	U	10000	101		P
Silver	ug/L	75 - 125	358		50.0	U	380	94		P

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metals
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MATRIX SPIKE DUPLICATE SUMMARY

client: G Environmental **level:** low **sdg no.:** Q3740

contract: GENV01 **lab code:** ACE

matrix: Water **sample id:** Q3736-02 **client id:** D1MSD

Percent Solids for Sample: NA **Spiked ID:** Q3736-02MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Arsenic	ug/L	75 - 125	3930		100	U	4000	98		P
Barium	ug/L	75 - 125	3640		3230		1000	40	N	P
Cadmium	ug/L	75 - 125	932		9.28	J	1000	92		P
Chromium	ug/L	75 - 125	1920		165		2000	88		P
Lead	ug/L	75 - 125	4740		267		5000	90		P
Mercury	ug/L	75 - 125	38.5		2.00	U	40.0	96		CV
Selenium	ug/L	75 - 125	10000		100	U	10000	100		P
Silver	ug/L	75 - 125	351		50.0	U	380	92		P

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Metals
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POST DIGEST SPIKE SUMMARY

Client: G Environmental **SDG No.:** Q3740

Contract: GENV01 **Lab Code:** ACE

Matrix: Water **Level:** LOW **Client ID:** D1A

Sample ID: Q3736-02 **Spiked ID:** Q3736-02A

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Barium	ug/L	75 - 125	4290		3230		1000	105		P

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: G Environmental **Level:** LOW **SDG No.:** Q3740

Contract: GENV01 **Lab Code:** ACE

Matrix: Water **Sample ID:** Q3736-02 **Client ID:** D1DUP

Percent Solids for Sample: NA **Duplicate ID** Q3736-02DUP **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	3230		3310		2		P
Cadmium	ug/L	20	9.28	J	9.57	J	3		P
Chromium	ug/L	20	165		162		2		P
Lead	ug/L	20	267		265		1		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

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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DUPLICATE SAMPLE SUMMARY

Client: G Environmental **Level:** LOW **SDG No.:** Q3740

Contract: GENV01 **Lab Code:** ACE

Matrix: Water **Sample ID:** Q3736-02MS **Client ID:** D1MSD

Percent Solids for Sample: NA **Duplicate ID** Q3736-02MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Arsenic	ug/L	20	4000		3930		2		P
Barium	ug/L	20	3240		3640		12		P
Cadmium	ug/L	20	938		932		1		P
Chromium	ug/L	20	2010		1920		5		P
Lead	ug/L	20	4760		4740		0		P
Mercury	ug/L	20	35.1		38.5		9		CV
Selenium	ug/L	20	10100		10000		1		P
Silver	ug/L	20	358		351		2		P

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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LABORATORY CONTROL SAMPLE SUMMARY

Client: G Environmental **SDG No.:** Q3740

Contract: GENV01 **Lab Code:** ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB170766BS							
Arsenic	ug/L	4000	4120		103	80 - 120	P
Barium	ug/L	1000	1080		108	80 - 120	P
Cadmium	ug/L	1000	1010		101	80 - 120	P
Chromium	ug/L	2000	2060		103	80 - 120	P
Lead	ug/L	5000	5010		100	80 - 120	P
Selenium	ug/L	10000	10400		104	80 - 120	P
Silver	ug/L	380	401		106	80 - 120	P

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LABORATORY CONTROL SAMPLE SUMMARY

Client: G Environmental **SDG No.:** Q3740

Contract: GENV01 **Lab Code:** ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB170770BS							
Mercury	ug/L	4.0	3.77		94	80 - 120	CV

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Metals

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ICP SERIAL DILUTIONS

SAMPLE NO.

D1L

Lab Name: Alliance **Contract:** GENV01

Lab Code: ACE **Lb No.:** lb138072 **Lab Sample ID :** Q3736-02L **SDG No.:** Q3740

Matrix (soil/water): Water **Level (low/med):** LOW

Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Arsenic	100	U	500	U			P
Barium	3230		3230		0		P
Cadmium	9.28	J	150	U	100.0		P
Chromium	165		167	J	1		P
Lead	267		279	J	4		P
Mercury	2.00	U	10.0	U			CV
Selenium	100	U	500	U			P
Silver	50.0	U	250	U			P

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metals
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ANALYSIS RUN LOG

Client: G Environmental **Contract:** GENV01

Lab code: ACE **Sdg no.:** Q3740

Instrument id number: **Method:** **Run number:** lb138068

Start date: 12/01/2025 **End date:** 12/01/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1438	HG
S0.2	S0.2	1	1441	HG
S2.5	S2.5	1	1443	HG
S5	S5	1	1445	HG
S7.5	S7.5	1	1447	HG
S10	S10	1	1450	HG
ICV132	ICV132	1	1454	HG
ICB132	ICB132	1	1456	HG
CCV44	CCV44	1	1502	HG
CCB44	CCB44	1	1504	HG
CRA	CRA	1	1509	HG
PB170770BL	PB170770BL	1	1519	HG
PB170770BS	PB170770BS	1	1521	HG
Q3736-02DUP	D1DUP	1	1528	HG
Q3736-02MS	D1MS	1	1530	HG
Q3736-02MSD	D1MSD	1	1532	HG
CCV45	CCV45	1	1534	HG
CCB45	CCB45	1	1537	HG
Q3740-02	WC1	1	1539	HG
CCV46	CCV46	1	1606	HG
CCB46	CCB46	1	1608	HG
PB170754TB	PB170754TB	1	1613	HG
Q3736-02L	D1L	5	1615	HG
CCV47	CCV47	1	1624	HG
CCB47	CCB47	1	1626	HG

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metals
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ANALYSIS RUN LOG

Client: G Environmental **Contract:** GENV01

Lab code: ACE **Sdg no.:** Q3740

Instrument id number: **Method:** **Run number:** LB138072

Start date: 12/01/2025 **End date:** 12/01/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1235	Ag,As,Ba,Cd,Cr,Pb,Se
S1	S1	1	1239	Ag,As,Ba,Cd,Cr,Pb,Se
S2	S2	1	1243	Ag,As,Ba,Cd,Cr,Pb,Se
S3	S3	1	1247	Ag,As,Ba,Cd,Cr,Pb,Se
S4	S4	1	1251	Ag,As,Ba,Cd,Cr,Pb,Se
S5	S5	1	1256	Ag,As,Ba,Cd,Cr,Pb,Se
ICV01	ICV01	1	1316	Ag,As,Ba,Cd,Cr,Pb,Se
LLICV01	LLICV01	1	1342	Ag,As,Ba,Cd,Cr,Pb,Se
ICB01	ICB01	1	1346	Ag,As,Ba,Cd,Cr,Pb,Se
CRI01	CRI01	1	1350	Ag,As,Ba,Cd,Cr,Pb,Se
ICSA01	ICSA01	1	1355	Ag,As,Ba,Cd,Cr,Pb,Se
ICSAB01	ICSAB01	1	1409	Ag,As,Ba,Cd,Cr,Pb,Se
CCV01	CCV01	1	1430	Ag,As,Ba,Cd,Cr,Pb,Se
CCB01	CCB01	1	1434	Ag,As,Ba,Cd,Cr,Pb,Se
CCV02	CCV02	1	1526	Ag,As,Ba,Cd,Cr,Pb,Se
CCB02	CCB02	1	1531	Ag,As,Ba,Cd,Cr,Pb,Se
Q3736-02DUP	D1DUP	1	1558	Ag,As,Ba,Cd,Cr,Pb,Se
Q3736-02L	D1L	5	1611	Ag,As,Ba,Cd,Cr,Pb,Se
Q3736-02MS	D1MS	1	1616	Ag,As,Ba,Cd,Cr,Pb,Se
Q3736-02MSD	D1MSD	1	1620	Ag,As,Ba,Cd,Cr,Pb,Se
Q3736-02A	D1A	1	1624	Ba
Q3740-02	WC1	1	1628	Ag,As,Ba,Cd,Cr,Pb,Se
CCV03	CCV03	1	1633	Ag,As,Ba,Cd,Cr,Pb,Se
CCB03	CCB03	1	1638	Ag,As,Ba,Cd,Cr,Pb,Se
PB170766BL	PB170766BL	1	1652	Ag,As,Ba,Cd,Cr,Pb,Se
PB170766BS	PB170766BS	1	1656	Ag,As,Ba,Cd,Cr,Pb,Se
CCV04	CCV04	1	1725	Ag,As,Ba,Cd,Cr,Pb,Se
CCB04	CCB04	1	1729	Ag,As,Ba,Cd,Cr,Pb,Se
CCV05	CCV05	1	1816	Ag,As,Ba,Cd,Cr,Pb,Se
CCB05	CCB05	1	1820	Ag,As,Ba,Cd,Cr,Pb,Se
CCV06	CCV06	1	1907	Ag,As,Ba,Cd,Cr,Pb,Se
CCB06	CCB06	1	1911	Ag,As,Ba,Cd,Cr,Pb,Se
CCV07	CCV07	1	1924	Ag,As,Ba,Cd,Cr,Pb,Se
CCB07	CCB07	1	1928	Ag,As,Ba,Cd,Cr,Pb,Se

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ANALYSIS RUN LOG

Client: G Environmental **Contract:** GENV01

Lab code: ACE **Sdg no.:** Q3740

Instrument id number: **Method:** **Run number:** LB138085

Start date: 12/02/2025 **End date:** 12/02/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1104	Ag,As,Ba,Cd,Cr,Pb,Se
S1	S1	1	1108	Ag,As,Ba,Cd,Cr,Pb,Se
S2	S2	1	1112	Ag,As,Ba,Cd,Cr,Pb,Se
S3	S3	1	1116	Ag,As,Ba,Cd,Cr,Pb,Se
S4	S4	1	1121	Ag,As,Ba,Cd,Cr,Pb,Se
S5	S5	1	1125	Ag,As,Ba,Cd,Cr,Pb,Se
ICV01	ICV01	1	1129	Ag,As,Ba,Cd,Cr,Pb,Se
LLICV01	LLICV01	1	1134	Ag,As,Ba,Cd,Cr,Pb,Se
ICB01	ICB01	1	1138	Ag,As,Ba,Cd,Cr,Pb,Se
CRI01	CRI01	1	1142	Ag,As,Ba,Cd,Cr,Pb,Se
ICSA01	ICSA01	1	1152	Ag,As,Ba,Cd,Cr,Pb,Se
ICSAB01	ICSAB01	1	1157	Ag,As,Ba,Cd,Cr,Pb,Se
CCV01	CCV01	1	1210	Ag,As,Ba,Cd,Cr,Pb,Se
CCB01	CCB01	1	1214	Ag,As,Ba,Cd,Cr,Pb,Se
CCV02	CCV02	1	1313	Ag,As,Ba,Cd,Cr,Pb,Se
CCB02	CCB02	1	1317	Ag,As,Ba,Cd,Cr,Pb,Se
CCV03	CCV03	1	1411	Ag,As,Ba,Cd,Cr,Pb,Se
CCB03	CCB03	1	1415	Ag,As,Ba,Cd,Cr,Pb,Se
CCV04	CCV04	1	1515	Ag,As,Ba,Cd,Cr,Pb,Se
CCB04	CCB04	1	1520	Ag,As,Ba,Cd,Cr,Pb,Se
CCV05	CCV05	1	1605	Ag,As,Ba,Cd,Cr,Pb,Se
CCB05	CCB05	1	1609	Ag,As,Ba,Cd,Cr,Pb,Se
PB170754TB	PB170754TB	1	1646	Ag,As,Ba,Cd,Cr,Pb,Se
CCV06	CCV06	1	1655	Ag,As,Ba,Cd,Cr,Pb,Se
CCB06	CCB06	1	1659	Ag,As,Ba,Cd,Cr,Pb,Se

METAL PREPARATION & INSTRUMENT DATA

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ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental **SDG No.:** Q3740

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

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Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental **SDG No.:** Q3740

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

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Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental **SDG No.:** Q3740

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

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Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental **SDG No.:** Q3740

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

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Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental **SDG No.:** Q3740

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

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LAB CHRONICLE

OrderID:	Q3740	**OrderDate:**	11/26/2025 4:30:00 PM
Client:	G Environmental	**Project:**	Diamond
Contact:	Gary Landis	**Location:**	--Select--,A11,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3740-01	**WC1**	**SOIL**			**11/26/25**			**11/26/25**
			Mercury	7471B		12/01/25	12/02/25	
			Metals ICP-TAL	6010D		12/01/25	12/01/25	
			Metals ICP-TAL	6010D		12/01/25	12/02/25	
Q3740-02	**WC1**	**TCLP**			**11/26/25**			**11/26/25**
			TCLP ICP Metals	6010D		12/01/25	12/01/25	
			TCLP Mercury	7470A		12/01/25	12/01/25	

METAL PREPARATION & ANALYICAL SUMMARY

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Metals
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SAMPLE PREPARATION SUMMARY

Client: G Environmental **SDG No.:** Q3740

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:	**PB170766**						
PB170754TB	PB170754TB	MB	WATER	12/01/2025	5.0	25.0	
PB170766BL	PB170766BL	MB	WATER	12/01/2025	5.0	25.0	
PB170766BS	PB170766BS	LCS	WATER	12/01/2025	5.0	25.0	
Q3736-02DUP	D1DUP	DUP	WATER	12/01/2025	5.0	25.0	
Q3736-02MS	D1MS	MS	WATER	12/01/2025	5.0	25.0	
Q3736-02MSD	D1MSD	MSD	WATER	12/01/2025	5.0	25.0	
Q3740-02	WC1	SAM	WATER	12/01/2025	5.0	25.0	

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Metals
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SAMPLE PREPARATION SUMMARY

Client: G Environmental **SDG No.:** Q3740

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:	**PB170770**						
PB170754TB	PB170754TB	MB	WATER	12/01/2025	3.0	30.0	
PB170770BL	PB170770BL	MB	WATER	12/01/2025	30.0	30.0	
PB170770BS	PB170770BS	LCS	WATER	12/01/2025	30.0	30.0	
Q3736-02DUP	D1DUP	DUP	WATER	12/01/2025	3.0	30.0	
Q3736-02MS	D1MS	MS	WATER	12/01/2025	3.0	30.0	
Q3736-02MSD	D1MSD	MSD	WATER	12/01/2025	3.0	30.0	
Q3740-02	WC1	SAM	WATER	12/01/2025	3.0	30.0	

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Instrument ID: CV1

Daily Analysis Runlog For Sequence/QCBatch ID # LB138068

Review By	mohan	Review On	12/3/2025 8:01:09 AM
Supervise By	jaswal	Supervise On	12/3/2025 10:06:48 PM

STD. NAME	STD REF.#
ICAL Standard	mp88136,mp88138,mp88139,mp88140,mp88141,mp88142
ICV Standard	mp88143
CCV Standard	mp88145
ICSA Standard	
CRI Standard	mp88147
LCS Standard	
Chk Standard	mp88144,mp88146,mp88148,mp88150

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	12/01/25 14:38		Sagar	OK
2	S0.2	S0.2	CAL2	12/01/25 14:41		Sagar	OK
3	S2.5	S2.5	CAL3	12/01/25 14:43		Sagar	OK
4	S5	S5	CAL4	12/01/25 14:45		Sagar	OK
5	S7.5	S7.5	CAL5	12/01/25 14:47		Sagar	OK
6	S10	S10	CAL6	12/01/25 14:50		Sagar	OK
7	ICV132	ICV132	ICV	12/01/25 14:54		Sagar	OK
8	ICB132	ICB132	ICB	12/01/25 14:56		Sagar	OK
9	CCV44	CCV44	CCV	12/01/25 15:02		Sagar	OK
10	CCB44	CCB44	CCB	12/01/25 15:04		Sagar	OK
11	CRA	CRA	CRDL	12/01/25 15:09		Sagar	OK
12	HighStd	HighStd	HIGH STD	12/01/25 15:11		Sagar	OK
13	ChkStd	ChkStd	SAM	12/01/25 15:14		Sagar	OK
14	PB170770BL	PB170770BL	MB	12/01/25 15:19		Sagar	OK
15	PB170770BS	PB170770BS	LCS	12/01/25 15:21		Sagar	OK
16	Q3731-02	W1	SAM	12/01/25 15:23		Sagar	OK
17	Q3736-02	D1	SAM	12/01/25 15:25		Sagar	OK
18	Q3736-02DUP	D1DUP	DUP	12/01/25 15:28		Sagar	OK

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Instrument ID: CV1

Daily Analysis Runlog For Sequence/QCBatch ID # LB138068

Review By	mohan	Review On	12/3/2025 8:01:09 AM
Supervise By	jaswal	Supervise On	12/3/2025 10:06:48 PM

STD. NAME	STD REF.#
ICAL Standard	mp88136,mp88138,mp88139,mp88140,mp88141,mp88142
ICV Standard	mp88143
CCV Standard	mp88145
ICSA Standard	
CRI Standard	mp88147
LCS Standard	
Chk Standard	mp88144,mp88146,mp88148,mp88150

19	Q3736-02MS	D1MS	MS	12/01/25 15:30		Sagar	OK
20	Q3736-02MSD	D1MSD	MSD	12/01/25 15:32		Sagar	OK
21	CCV45	CCV45	CCV	12/01/25 15:34		Sagar	OK
22	CCB45	CCB45	CCB	12/01/25 15:37		Sagar	OK
23	Q3740-02	WC1	SAM	12/01/25 15:39		Sagar	OK
24	PB170772BL	PB170772BL	MB	12/01/25 15:41		Sagar	OK
25	PB170772BS	PB170772BS	LCS	12/01/25 15:44		Sagar	OK
26	Q3731-01	W1	SAM	12/01/25 15:51		Sagar	OK
27	Q3731-01DUP	W1DUP	DUP	12/01/25 15:56		Sagar	OK
28	Q3731-01MS	W1MS	MS	12/01/25 16:01		Sagar	OK
29	Q3731-01MSD	W1MSD	MSD	12/01/25 16:04		Sagar	OK
30	CCV46	CCV46	CCV	12/01/25 16:06		Sagar	OK
31	CCB46	CCB46	CCB	12/01/25 16:08		Sagar	OK
32	PB170754TB	PB170754TB	MB	12/01/25 16:13		Sagar	OK
33	Q3736-02L	D1L	SD	12/01/25 16:15		Sagar	OK
34	Q3736-02A	D1A	PS	12/01/25 16:17		Sagar	OK
35	Q3731-01L	W1L	SD	12/01/25 16:19		Sagar	OK
36	Q3731-01A	W1A	PS	12/01/25 16:22		Sagar	OK
37	CCV47	CCV47	CCV	12/01/25 16:24		Sagar	OK
38	CCB47	CCB47	CCB	12/01/25 16:26		Sagar	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB138072

Review By	Janvi	Review On	12/3/2025 10:04:55 AM
Supervise By	jaswal	Supervise On	12/3/2025 10:06:27 PM

STD. NAME	STD REF.#
ICAL Standard	MP88101,MP88123,MP88121,MP88120,MP88119,MP88118
ICV Standard	MP88124,MP88123
CCV Standard	MP88127
ICSA Standard	MP88125,MP88126
CRI Standard	MP88120
LCS Standard	
Chk Standard	MP88128,MP88129,MP88130,MP88131,MP88132

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	12/01/25 12:35		Jaswal	OK
2	S1	S1	CAL2	12/01/25 12:39		Jaswal	OK
3	S2	S2	CAL3	12/01/25 12:43		Jaswal	OK
4	S3	S3	CAL4	12/01/25 12:47		Jaswal	OK
5	S4	S4	CAL5	12/01/25 12:51		Jaswal	OK
6	S5	S5	CAL6	12/01/25 12:56		Jaswal	OK
7	ICV01	ICV01	ICV	12/01/25 13:16		Jaswal	OK
8	LLICV01	LLICV01	LLICV	12/01/25 13:42		Jaswal	OK
9	ICB01	ICB01	ICB	12/01/25 13:46		Jaswal	OK
10	CRI01	CRI01	CRDL	12/01/25 13:50		Jaswal	OK
11	ICSA01	ICSA01	ICSA	12/01/25 13:55		Jaswal	OK
12	ICSAB01	ICSAB01	ICSAB	12/01/25 14:09		Jaswal	OK
13	ICSADL	ICSADL	ICSA	12/01/25 14:13		Jaswal	OK
14	ICSABDL	ICSABDL	ICSAB	12/01/25 14:17		Jaswal	OK
15	CCV01	CCV01	CCV	12/01/25 14:30		Jaswal	OK
16	CCB01	CCB01	CCB	12/01/25 14:34		Jaswal	OK
17	Q3731-01	W1	SAM	12/01/25 14:38		Jaswal	OK
18	Q3731-02	W1	SAM	12/01/25 14:43		Jaswal	OK

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Fax : 908 789 8922

Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB138072

Review By	Janvi	Review On	12/3/2025 10:04:55 AM
Supervise By	jaswal	Supervise On	12/3/2025 10:06:27 PM

STD. NAME	STD REF.#
ICAL Standard	MP88101,MP88123,MP88121,MP88120,MP88119,MP88118
ICV Standard	MP88124,MP88123
CCV Standard	MP88127
ICSA Standard	MP88125,MP88126
CRI Standard	MP88120
LCS Standard	
Chk Standard	MP88128,MP88129,MP88130,MP88131,MP88132

19	PB170769BL	PB170769BL	MB	12/01/25 14:47		Jaswal	OK
20	PB170769BS	PB170769BS	LCS	12/01/25 14:51		Jaswal	OK
21	Q3642-01	EFFLUENT-DAY-1-MI	SAM	12/01/25 14:55		Jaswal	OK
22	Q3642-01L	EFFLUENT-DAY-1-MI	SD	12/01/25 15:04		Jaswal	OK
23	Q3642-01MS	EFFLUENT-DAY-1-MI	MS	12/01/25 15:08		Jaswal	OK
24	Q3642-01MSD	EFFLUENT-DAY-1-MI	MSD	12/01/25 15:13		Jaswal	OK
25	Q3642-01A	EFFLUENT-DAY-1-MI	PS	12/01/25 15:17	0.1 ML OF EACH M6008 AND M6017 IN 10ML SAMPLE.	Jaswal	OK
26	Q3642-01DUP	EFFLUENT-DAY-1-MI	DUP	12/01/25 15:21		Jaswal	OK
27	CCV02	CCV02	CCV	12/01/25 15:26		Jaswal	OK
28	CCB02	CCB02	CCB	12/01/25 15:31		Jaswal	OK
29	LR-2	LR-2	HIGH STD	12/01/25 15:40		Jaswal	OK
30	LR-1	LR-1	HIGH STD	12/01/25 15:49		Jaswal	OK
31	Q3736-02	D1	SAM	12/01/25 15:53		Jaswal	OK
32	Q3736-02DUP	D1DUP	DUP	12/01/25 15:58		Jaswal	OK
33	LR-3	LR-3	HIGH STD	12/01/25 16:07		Jaswal	OK
34	Q3736-02L	D1L	SD	12/01/25 16:11		Jaswal	OK
35	Q3736-02MS	D1MS	MS	12/01/25 16:16		Jaswal	OK
36	Q3736-02MSD	D1MSD	MSD	12/01/25 16:20		Jaswal	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB138072

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Supervise By	jaswal	Supervise On	12/3/2025 10:06:27 PM

STD. NAME	STD REF.#
ICAL Standard	MP88101,MP88123,MP88121,MP88120,MP88119,MP88118
ICV Standard	MP88124,MP88123
CCV Standard	MP88127
ICSA Standard	MP88125,MP88126
CRI Standard	MP88120
LCS Standard	
Chk Standard	MP88128,MP88129,MP88130,MP88131,MP88132

37	Q3736-02A	D1A	PS	12/01/25 16:24	0.1 ML OF EACH M6008 AND M6017 IN 10ML SAMPLE.	Jaswal	OK
38	Q3740-02	WC1	SAM	12/01/25 16:28		Jaswal	OK
39	CCV03	CCV03	CCV	12/01/25 16:33		Jaswal	OK
40	CCB03	CCB03	CCB	12/01/25 16:38		Jaswal	OK
41	PB170766BL	PB170766BL	MB	12/01/25 16:52		Jaswal	OK
42	PB170766BS	PB170766BS	LCS	12/01/25 16:56		Jaswal	OK
43	PB170767BL	PB170767BL	MB	12/01/25 17:00		Jaswal	OK
44	PB170767BS	PB170767BS	LCS	12/01/25 17:04		Jaswal	OK
45	PB170768BL	PB170768BL	MB	12/01/25 17:08		Jaswal	OK
46	PB170768BS	PB170768BS	LCS	12/01/25 17:13		Jaswal	OK
47	Q3725-04DL	STOCKPILE-SAMPLE	SAM	12/01/25 17:17		Jaswal	OK
48	Q3732-01DL	HD-01-11-26-2025DL	SAM	12/01/25 17:21		Jaswal	OK
49	CCV04	CCV04	CCV	12/01/25 17:25		Jaswal	OK
50	CCB04	CCB04	CCB	12/01/25 17:29		Jaswal	OK
51	Q3733-01DL	SU-04-11-26-2025DL	SAM	12/01/25 17:34		Jaswal	OK
52	Q3735-01DL	BU-3-112625DL	SAM	12/01/25 17:38		Jaswal	OK
53	Q3736-01DL	D1DL	SAM	12/01/25 17:42		Jaswal	OK
54	Q3736-02DL	D1DL	SAM	12/01/25 17:46	NOT USE	Jaswal	Not Ok
55	Q3739-01DL	GSB1ADL	SAM	12/01/25 17:50		Jaswal	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB138072

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Supervise By	jaswal	Supervise On	12/3/2025 10:06:27 PM

STD. NAME	STD REF.#
ICAL Standard	MP88101,MP88123,MP88121,MP88120,MP88119,MP88118
ICV Standard	MP88124,MP88123
CCV Standard	MP88127
ICSA Standard	MP88125,MP88126
CRI Standard	MP88120
LCS Standard	
Chk Standard	MP88128,MP88129,MP88130,MP88131,MP88132

56	Q3739-02DL	GSB1BDL	SAM	12/01/25 17:55	Cr High	Jaswal	Dilution
57	Q3739-03DL	GSB2ADL	SAM	12/01/25 17:59		Jaswal	OK
58	Q3739-04DL	GSB2BDL	SAM	12/01/25 18:03		Jaswal	OK
59	Q3740-01DL	WC1DL	SAM	12/01/25 18:07	Cr High	Jaswal	Dilution
60	Q3740-01DUPDL	WC1DUPDL	DUP	12/01/25 18:12	Cr High	Jaswal	Dilution
61	CCV05	CCV05	CCV	12/01/25 18:16		Jaswal	OK
62	CCB05	CCB05	CCB	12/01/25 18:20		Jaswal	OK
63	Q3740-01LDL	WC1LDL	SD	12/01/25 18:25		Jaswal	OK
64	Q3740-01MSDL	WC1MSDL	MS	12/01/25 18:29	Cr High	Jaswal	Dilution
65	Q3740-01MSDDL	WC1MSDDL	MSD	12/01/25 18:33	Cr High	Jaswal	Dilution
66	Q3740-01ADL	WC1ADL	PS	12/01/25 18:37	0.1 ML OF EACH M6008 AND M6017 IN 10ML SAMPLE.	Jaswal	OK
67	Q3737-01	MW3	SAM	12/01/25 18:42		Jaswal	OK
68	Q3737-02	MW4	SAM	12/01/25 18:46		Jaswal	OK
69	Q3737-02DUP	MW4DUP	DUP	12/01/25 18:50		Jaswal	OK
70	Q3737-02L	MW4L	SD	12/01/25 18:55		Jaswal	OK
71	Q3737-02MS	MW4MS	MS	12/01/25 18:59		Jaswal	OK
72	Q3737-02MSD	MW4MSD	MSD	12/01/25 19:03		Jaswal	OK
73	CCV06	CCV06	CCV	12/01/25 19:07		Jaswal	OK
74	CCB06	CCB06	CCB	12/01/25 19:11		Jaswal	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB138072

Review By	Janvi	Review On	12/3/2025 10:04:55 AM
Supervise By	jaswal	Supervise On	12/3/2025 10:06:27 PM

STD. NAME	STD REF.#
ICAL Standard	MP88101,MP88123,MP88121,MP88120,MP88119,MP88118
ICV Standard	MP88124,MP88123
CCV Standard	MP88127
ICSA Standard	MP88125,MP88126
CRI Standard	MP88120
LCS Standard	
Chk Standard	MP88128,MP88129,MP88130,MP88131,MP88132

75	Q3737-02A	MW4A	PS	12/01/25 19:16	0.1 ML OF EACH M6008 AND M6017 IN 10ML SAMPLE.	Jaswal	OK
76	Q3740-02DL	WC1DL	SAM	12/01/25 19:20	Not Use	Jaswal	Not Ok
77	CCV07	CCV07	CCV	12/01/25 19:24		Jaswal	OK
78	CCB07	CCB07	CCB	12/01/25 19:28		Jaswal	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB138085

Review By	Janvi	Review On	12/3/2025 10:09:18 AM
Supervise By	jaswal	Supervise On	12/5/2025 9:46:28 PM

STD. NAME	STD REF.#
ICAL Standard	MP88101,MP88123,MP88121,MP88120,MP88119,MP88118
ICV Standard	MP88124,MP88123
CCV Standard	MP88127
ICSA Standard	MP88125,MP88126
CRI Standard	MP88120
LCS Standard	
Chk Standard	MP88128,MP88129,MP88130,MP88131,MP88132

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	12/02/25 11:04		Jaswal	OK
2	S1	S1	CAL2	12/02/25 11:08		Jaswal	OK
3	S2	S2	CAL3	12/02/25 11:12		Jaswal	OK
4	S3	S3	CAL4	12/02/25 11:16		Jaswal	OK
5	S4	S4	CAL5	12/02/25 11:21		Jaswal	OK
6	S5	S5	CAL6	12/02/25 11:25		Jaswal	OK
7	ICV01	ICV01	ICV	12/02/25 11:29		Jaswal	OK
8	LLICV01	LLICV01	LLICV	12/02/25 11:34		Jaswal	OK
9	ICB01	ICB01	ICB	12/02/25 11:38		Jaswal	OK
10	CRI01	CRI01	CRDL	12/02/25 11:42		Jaswal	OK
11	ICSA01	ICSA01	ICSA	12/02/25 11:52		Jaswal	OK
12	ICSAB01	ICSAB01	ICSAB	12/02/25 11:57		Jaswal	OK
13	ICSADL	ICSADL	ICSA	12/02/25 12:01		Jaswal	OK
14	ICSABDL	ICSABDL	ICSAB	12/02/25 12:05		Jaswal	OK
15	CCV01	CCV01	CCV	12/02/25 12:10		Jaswal	OK
16	CCB01	CCB01	CCB	12/02/25 12:14		Jaswal	OK
17	Q3739-01DL2	GSB1ADL2	SAM	12/02/25 12:19	NOT USE	Jaswal	Not Ok
18	Q3739-02DL2	GSB1BDL2	SAM	12/02/25 12:23	25x for Cr	Jaswal	Confirms

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB138085

Review By	Janvi	Review On	12/3/2025 10:09:18 AM
Supervise By	jaswal	Supervise On	12/5/2025 9:46:28 PM

STD. NAME	STD REF.#
ICAL Standard	MP88101,MP88123,MP88121,MP88120,MP88119,MP88118
ICV Standard	MP88124,MP88123
CCV Standard	MP88127
ICSA Standard	MP88125,MP88126
CRI Standard	MP88120
LCS Standard	
Chk Standard	MP88128,MP88129,MP88130,MP88131,MP88132

19	Q3740-01DL2	WC1DL2	SAM	12/02/25 12:27	25x for Cr	Jaswal	Confirms
20	Q3740-01DUPDL2	WC1DUPDL2	DUP	12/02/25 12:31	25x for Cr	Jaswal	Confirms
21	Q3740-01LDL2	WC1LDL2	SD	12/02/25 12:36	Not Required	Jaswal	Not Ok
22	Q3740-01MSDL2	WC1MSDL2	MS	12/02/25 12:40	25x for Cr	Jaswal	Confirms
23	Q3740-01MSDDL2	WC1MSDDL2	MSD	12/02/25 12:44	25x for Cr	Jaswal	Confirms
24	Q3740-01ADL2	WC1ADL2	PS	12/02/25 12:48	Not Required (0.1 ML OF EACH M6008 AND M6017 IN 10ML SAMPLE BEFORE DILUTION)	Jaswal	Not Ok
25	LR-2	LR-2	HIGH STD	12/02/25 12:57		Jaswal	OK
26	LR-1	LR-1	HIGH STD	12/02/25 13:08		Jaswal	OK
27	CCV02	CCV02	CCV	12/02/25 13:13		Jaswal	OK
28	CCB02	CCB02	CCB	12/02/25 13:17		Jaswal	OK
29	LR-3	LR-3	HIGH STD	12/02/25 13:21		Jaswal	OK
30	PB170777BL	PB170777BL	MB	12/02/25 13:26		Jaswal	OK
31	PB170777BS	PB170777BS	LCS	12/02/25 13:30		Jaswal	OK
32	PB170778BL	PB170778BL	MB	12/02/25 13:34		Jaswal	OK
33	PB170778BS	PB170778BS	LCS	12/02/25 13:39		Jaswal	OK
34	Q3746-01	ROW	SAM	12/02/25 13:51		Jaswal	OK
35	Q3748-01	AU-05-12-1-2025	SAM	12/02/25 13:55		Jaswal	OK
36	Q3750-04	FENCE WC-2	SAM	12/02/25 13:59		Jaswal	OK

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Supervise By	jaswal	Supervise On	12/5/2025 9:46:28 PM

STD. NAME	STD REF.#
ICAL Standard	MP88101,MP88123,MP88121,MP88120,MP88119,MP88118
ICV Standard	MP88124,MP88123
CCV Standard	MP88127
ICSA Standard	MP88125,MP88126
CRI Standard	MP88120
LCS Standard	
Chk Standard	MP88128,MP88129,MP88130,MP88131,MP88132

37	Q3741-01	B50-SP3-111925	SAM	12/02/25 14:03		Jaswal	OK
38	Q3741-02	B50-SP13-112025	SAM	12/02/25 14:07		Jaswal	OK
39	CCV03	CCV03	CCV	12/02/25 14:11		Jaswal	OK
40	CCB03	CCB03	CCB	12/02/25 14:15		Jaswal	OK
41	Q3741-03	B50-SP14-112025	SAM	12/02/25 14:24		Jaswal	OK
42	Q3741-04	B50-SP9-112425	SAM	12/02/25 14:28		Jaswal	OK
43	Q3741-05	B50-SP11-112525	SAM	12/02/25 14:33		Jaswal	OK
44	Q3741-06	B50-SP4-112525	SAM	12/02/25 14:47		Jaswal	OK
45	Q3750-01	FENCE WC-1	SAM	12/02/25 14:51		Jaswal	OK
46	Q3750-01DUP	FENCE WC-1DUP	DUP	12/02/25 14:55		Jaswal	OK
47	Q3750-01L	FENCE WC-1L	SD	12/02/25 14:59		Jaswal	OK
48	Q3750-01MS	FENCE WC-1MS	MS	12/02/25 15:03		Jaswal	OK
49	Q3750-01MSD	FENCE WC-1MSD	MSD	12/02/25 15:07		Jaswal	OK
50	Q3750-01A	FENCE WC-1A	PS	12/02/25 15:11	0.1 ML OF EACH M6008 AND M6017 IN 10ML SAMPLE.	Jaswal	OK
51	CCV04	CCV04	CCV	12/02/25 15:15		Jaswal	OK
52	CCB04	CCB04	CCB	12/02/25 15:20		Jaswal	OK
53	Q3742-01	SB-1125-23	SAM	12/02/25 15:24		Jaswal	OK
54	Q3742-02	SB-1125-19	SAM	12/02/25 15:28		Jaswal	OK
55	Q3742-03	SB-1125-8	SAM	12/02/25 15:33		Jaswal	OK

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Supervise By	jaswal	Supervise On	12/5/2025 9:46:28 PM

STD. NAME	STD REF.#
ICAL Standard	MP88101,MP88123,MP88121,MP88120,MP88119,MP88118
ICV Standard	MP88124,MP88123
CCV Standard	MP88127
ICSA Standard	MP88125,MP88126
CRI Standard	MP88120
LCS Standard	
Chk Standard	MP88128,MP88129,MP88130,MP88131,MP88132

56	Q3742-04	SB-1125-9	SAM	12/02/25 15:37		Jaswal	OK
57	Q3742-05	SB-1125-21	SAM	12/02/25 15:41		Jaswal	OK
58	Q3742-06	SB-1125-13	SAM	12/02/25 15:45		Jaswal	OK
59	Q3742-07	SB-1125-18	SAM	12/02/25 15:49		Jaswal	OK
60	Q3742-08	SB-1125-20	SAM	12/02/25 15:53		Jaswal	OK
61	Q3742-09	SB-1125-22	SAM	12/02/25 15:57		Jaswal	OK
62	Q3742-10	SB-1125-2	SAM	12/02/25 16:01		Jaswal	OK
63	CCV05	CCV05	CCV	12/02/25 16:05		Jaswal	OK
64	CCB05	CCB05	CCB	12/02/25 16:09		Jaswal	OK
65	Q3742-16	SB-1125-1	SAM	12/02/25 16:14		Jaswal	OK
66	Q3742-17	SB-1125-25	SAM	12/02/25 16:18		Jaswal	OK
67	Q3742-18	SB-1125-24	SAM	12/02/25 16:22		Jaswal	OK
68	Q3742-18DUP	SB-1125-24DUP	DUP	12/02/25 16:26		Jaswal	OK
69	Q3742-18L	SB-1125-24L	SD	12/02/25 16:30		Jaswal	OK
70	Q3742-18MS	SB-1125-24MS	MS	12/02/25 16:34		Jaswal	OK
71	Q3742-18MSD	SB-1125-24MSD	MSD	12/02/25 16:38		Jaswal	OK
72	Q3742-18A	SB-1125-24A	PS	12/02/25 16:42	0.1 ML OF EACH M6008 AND M6017 IN 10ML SAMPLE.	Jaswal	OK
73	PB170754TB	PB170754TB	MB	12/02/25 16:46		Jaswal	OK
74	PB170755TB	PB170755TB	MB	12/02/25 16:51		Jaswal	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB138085

Review By	Janvi	Review On	12/3/2025 10:09:18 AM
Supervise By	jaswal	Supervise On	12/5/2025 9:46:28 PM

STD. NAME	STD REF.#
ICAL Standard	MP88101,MP88123,MP88121,MP88120,MP88119,MP88118
ICV Standard	MP88124,MP88123
CCV Standard	MP88127
ICSA Standard	MP88125,MP88126
CRI Standard	MP88120
LCS Standard	
Chk Standard	MP88128,MP88129,MP88130,MP88131,MP88132

75	CCV06	CCV06	CCV	12/02/25 16:55		Jaswal	OK
76	CCB06	CCB06	CCB	12/02/25 16:59		Jaswal	OK

Alliance TECHNICAL GROUP

Water Metals Preparation Sheet

PB170766

SOP ID : M3010A-Digestion-17

SDG No : N/A

Matrix : WATER

Pippete 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: 12/01/2025 **Time :** 12:30 **Temp :** 96 °C

End Digest Date: 12/01/2025 **Time :** ~~15:32~~ 13:32 **Temp :** 96 °C

Digestion tube ID: M5595

Block thermometer ID: MET-DIG. #1

Dig Technician Signature: SLB

Supervisor Signature:

Temp : 1. 96°C 2. N/A

Standared Name	MLS USED	STD REF. # FROM LOG
LFS-1	0.25	M6209
LFS-2	0.25	M6201
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	M6187
1:1 HCL	5.00	MP87148
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#1 CELL#50 96 C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
12/01/25 ~~14:00~~ 14:05	SLB met dig	Preparation Group / Analysis Group

Alliance TECHNICAL GROUP

Water Metals Preparation Sheet

PB170766

Lab Sample ID	Client Sample ID	pH	Initial Vol (ml)	Final Vol (ml)	Color Before	Color After	Clarity Before	Clarity After	Comment	Prep Pos
PB170754TB	PB170754TB	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	17
PB170755TB	PB170755TB	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	18
PB170766BL	PBW766	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	19
PB170766BS	LCS766	<2	5	25	Colorless	Colorless	Clear	Clear	M6209,M6201	20
Q3731-02	W1	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	21
Q3736-02	D1	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	22
Q3736-02MS	D1MS	<2	5	25	Colorless	Colorless	Clear	Clear	M6209,M6201	24
Q3736-02MSD	D1MSD	<2	5	25	Colorless	Colorless	Clear	Clear	M6209,M6201	25
Q3736-02DUP	D1DUP	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	23
Q3740-02	WC1	<2	5	25	Yellow	Light Yellow	Clear	Clear	N/A	26

Alliance TECHNICAL GROUP

Water Mercury Preparation Sheet

PB170770

SOP ID : M7470A-Mercury-20

SDG No : N/A

Matrix : WATER

Pippete ID: HG A

Balance ID : N/A

Filter paper ID : N/A

pH Strip ID : M6069

Hood ID : #3

Block ID: 1. HOT BLOCK #3 2. N/A

Start Digest Date: 12/01/2025 **Time :** 12:30 **Temp :** 96 °C

End Digest Date: 12/01/2025 **Time :** 14:32 **Temp :** 96 °C

Digestion tube ID: M5595

Block thermometer ID: MET-DIG. #3

Dig Technician Signature: MP

Supervisor Signature: MP

Temp : 1. 96°C 2. N/A

Standared Name	MLS USED	STD REF. # FROM LOG
ICV	30mL	MP88143
CCV	30mL	MP88145
CRA	30mL	MP88147
Blank Spike	0.48mL	MP88135
Matrix Spike	0.48mL	MP88135

Chemical Used	ML/SAMPLE USED	Lot Number
HNO3/H2SO4(1:2)	2.25mL	MP87633
KMnO4 (5%)	4.5mL	MP87634
K2S2O8 (5%)	2.4mL	MP87635
Hydroxylamine HCL (12%)	1.8mL	MP87636
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	MP88136
0.05 ppb	S0.05	N/A	N/A
0.2 ppb	S0.2	30mL	MP88138
2.5 ppb	S2.5	30mL	MP88139
5.0 ppb	S5.0	30mL	MP88140
7.5 ppb	S7.5	30mL	MP88141
10.0 ppb	S10.0	30mL	MP88142
ICV	ICV	30mL	MP88143
ICB	ICB	30mL	MP88144
CCV	CCV	30mL	MP88145
CCB	CCB	30mL	MP88146
CRI	CRI	30mL	MP88147
CHK STD	CHK STD	30mL	MP88148

Extraction Conformance/Non-Conformance Comments:

N/A

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
12/01/25 ~~14:3735~~	MP met dig	MP met lab
14:35	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

Water Mercury Preparation Sheet

PB170770

Lab Sample ID	Client Sample ID	Initial Vol (ml)	Final Vol (ml)	pH	Comment	Prep Pos
PB170754TB	PB170754TB	3	30	<2	N/A	3-1
PB170770BL	PBW770	30	30	<2	N/A	2
PB170770BS	LCS770	30	30	<2	MP88135	3
Q3731-02	W1	3	30	<2	N/A	4
Q3736-02	D1	3	30	<2	N/A	5
Q3736-02DUP	D1DUP	3	30	<2	N/A	6
Q3736-02MS	D1MS	3	30	<2	MP88135	7
Q3736-02MSD	D1MSD	3	30	<2	MP88135	8
Q3740-02	WC1	3	30	<2	N/A	9

A
B
C
D
E
F
G
H
I
J

Alliance TECHNICAL GROUP

TCLP EXTRACTION LOGPAGE

PB170754

SOP ID : M1311-TCLP-16

SDG No : N/A

Weigh By : JP

Balance ID : WC SC-7

pH Meter ID : WC PH METER-1

Extraction By : JP

Filter By : JP

Pippete ID : WC

Tumbler ID : T-1

TCLP Filter ID : 40819719

Start Prep Date : 11/26/2025 **Time :** 17:40

End Prep Date : 11/27/2025 **Time :** 11:45

Combination Ratio : 20

ZHE Cleaning Batch : ~~N/A~~ TP

Initial Room Temperature: 24 °C

Final Room Temperature: 22 °C

TCLP Technician Signature : TP

Supervisor By : IZ

Standared 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	WP114526
HCL-TCLP,1N	N/A	WP114527
HNO3-TCLP,1N	N/A	WP114528
pH Strips	N/A	W1931,W1934,W3171,W3172
pH Strips	W1940,W1941,W1942	W3166,W1938,W1939,
N/A	N/A	N/A
120ml Plastic bottle	N/A	2738
1:1 HNO3	N/A	MP86978

Extraction Conformance/Non-Conformance Comments:

Matrix spikes are added after fiftration and before preservation. TUMBLER T-1 checked,30 rpm. q3736-02 is used for MS-MSD.

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/01/25 10:00	TP Tech Room	SKS. 11/4/25
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

TCLP EXTRACTION LOGPAGE

PB170754

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
PB170754TB	LEB754	03	N/A	2000	N/A	N/A	N/A	4.94	1.0	T-1
Q3736-02	D1	01	100.02	2000	N/A	N/A	N/A	6.2	1.5	T-1
Q3740-02	WC1	02	100.03	2000	N/A	N/A	N/A	4.0	1.5	T-1

SampleID	ClientID	Sample Weight (g)	Filter Weight (g)	Filtrate (mL)	Filter + Solid (After 100°C)	% solids	% Dry Solids
PB170754TB	LEB754	N/A	N/A	N/A	N/A	N/A	N/A
Q3736-02	D1	N/A	N/A	N/A	N/A	100	N/A
Q3740-02	WC1	N/A	N/A	N/A	N/A	100	N/A

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TCLP Fluid Determination

PB170754

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
PB170754TB	LEB754	N/A	N/A	N/A	N/A	#1	4.94
Q3736-02	D1	5.02	96.5	8.0	3.0	#1	4.94
Q3740-02	WC1	5.03	96.5	6.0	2.5	#1	4.94