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Hit Summary Sheet
SW-846

SDG No.: Q3716 **Order ID:** Q3716

Client: G Environmental **Project ID:** Adoni

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : MW5								
Q3716-01	MW5	Water	Iron	11000		11.7	50.0	ug/L
Q3716-01	MW5	Water	Manganese	8630		2.97	10.0	ug/L
Q3716-01	MW5	Water	Sodium	85400		434	1000	ug/L
Q3716-01	MW5	Water	Zinc	2520		8.33	20.0	ug/L
Client ID : MW3								
Q3716-02	MW3	Water	Iron	3950		11.7	50.0	ug/L
Q3716-02	MW3	Water	Manganese	4420		2.97	10.0	ug/L
Q3716-02	MW3	Water	Sodium	31100		434	1000	ug/L
Q3716-02	MW3	Water	Zinc	30.2		8.33	20.0	ug/L
Client ID : MW4								
Q3716-03	MW4	Water	Iron	18900		11.7	50.0	ug/L
Q3716-03	MW4	Water	Manganese	2620		2.97	10.0	ug/L
Q3716-03	MW4	Water	Sodium	59000		434	1000	ug/L
Q3716-03	MW4	Water	Zinc	204		8.33	20.0	ug/L
Client ID : MW7								
Q3716-04	MW7	Water	Iron	10600		11.7	50.0	ug/L
Q3716-04	MW7	Water	Manganese	13500		2.97	10.0	ug/L
Q3716-04	MW7	Water	Sodium	77100		434	1000	ug/L
Q3716-04	MW7	Water	Zinc	1130		8.33	20.0	ug/L

SAMPLE DATA

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Report of Analysis

Client:	G Environmental	Date Collected:	11/24/25
Project:	Adoni	Date Received:	11/24/25
Client Sample ID:	MW5	SDG No.:	Q3716
Lab Sample ID:	Q3716-01	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7439-89-6	Iron	11000		1	11.7	50.0	ug/L	11/25/25 10:50	11/26/25 16:08	6010D	M3010A
7439-96-5	Manganese	8630		1	2.97	10.0	ug/L	11/25/25 10:50	11/26/25 16:08	6010D	M3010A
7440-23-5	Sodium	85400		1	434	1000	ug/L	11/25/25 10:50	11/26/25 16:08	6010D	M3010A
7440-66-6	Zinc	2520		1	8.33	20.0	ug/L	11/25/25 10:50	11/26/25 16:08	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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Report of Analysis

Client:	G Environmental	Date Collected:	11/24/25
Project:	Adoni	Date Received:	11/24/25
Client Sample ID:	MW3	SDG No.:	Q3716
Lab Sample ID:	Q3716-02	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7439-89-6	Iron	3950		1	11.7	50.0	ug/L	11/25/25 10:50	11/26/25 16:12	6010D	M3010A
7439-96-5	Manganese	4420		1	2.97	10.0	ug/L	11/25/25 10:50	11/26/25 16:12	6010D	M3010A
7440-23-5	Sodium	31100		1	434	1000	ug/L	11/25/25 10:50	11/26/25 16:12	6010D	M3010A
7440-66-6	Zinc	30.2		1	8.33	20.0	ug/L	11/25/25 10:50	11/26/25 16:12	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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Report of Analysis

Client:	G Environmental	Date Collected:	11/24/25
Project:	Adoni	Date Received:	11/24/25
Client Sample ID:	MW4	SDG No.:	Q3716
Lab Sample ID:	Q3716-03	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7439-89-6	Iron	18900		1	11.7	50.0	ug/L	11/25/25 10:50	11/26/25 17:02	6010D	M3010A
7439-96-5	Manganese	2620		1	2.97	10.0	ug/L	11/25/25 10:50	11/26/25 17:02	6010D	M3010A
7440-23-5	Sodium	59000		1	434	1000	ug/L	11/25/25 10:50	11/26/25 17:02	6010D	M3010A
7440-66-6	Zinc	204		1	8.33	20.0	ug/L	11/25/25 10:50	11/26/25 17:02	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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Report of Analysis

Client:	G Environmental	Date Collected:	11/24/25
Project:	Adoni	Date Received:	11/24/25
Client Sample ID:	MW7	SDG No.:	Q3716
Lab Sample ID:	Q3716-04	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7439-89-6	Iron	10600		1	11.7	50.0	ug/L	11/25/25 10:50	11/26/25 17:06	6010D	M3010A
7439-96-5	Manganese	13500		1	2.97	10.0	ug/L	11/25/25 10:50	11/26/25 17:06	6010D	M3010A
7440-23-5	Sodium	77100		1	434	1000	ug/L	11/25/25 10:50	11/26/25 17:06	6010D	M3010A
7440-66-6	Zinc	1130		1	8.33	20.0	ug/L	11/25/25 10:50	11/26/25 17:06	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.:** Q3716

Contract: GENV01 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Iron	23.4	+/-50	U	100	P	11/26/2025	13:26	LB138061
	Manganese	5.94	+/-10	U	20.0	P	11/26/2025	13:26	LB138061
	Sodium	868	+/-1000	U	2000	P	11/26/2025	13:26	LB138061
	Zinc	16.7	+/-20	U	40.0	P	11/26/2025	13:26	LB138061

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q3716

Contract: GENV01 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Iron	23.4	+/-50	U	100	P	11/26/2025	14:22	LB138061
	Manganese	5.94	+/-10	U	20.0	P	11/26/2025	14:22	LB138061
	Sodium	868	+/-1000	U	2000	P	11/26/2025	14:22	LB138061
	Zinc	16.7	+/-20	U	40.0	P	11/26/2025	14:22	LB138061
CCB02	Iron	23.4	+/-50	U	100	P	11/26/2025	15:43	LB138061
	Manganese	5.94	+/-10	U	20.0	P	11/26/2025	15:43	LB138061
	Sodium	868	+/-1000	U	2000	P	11/26/2025	15:43	LB138061
	Zinc	16.7	+/-20	U	40.0	P	11/26/2025	15:43	LB138061
CCB03	Iron	23.4	+/-50	U	100	P	11/26/2025	16:33	LB138061
	Manganese	5.94	+/-10	U	20.0	P	11/26/2025	16:33	LB138061
	Sodium	868	+/-1000	U	2000	P	11/26/2025	16:33	LB138061
	Zinc	16.7	+/-20	U	40.0	P	11/26/2025	16:33	LB138061
CCB04	Iron	23.4	+/-50	U	100	P	11/26/2025	17:29	LB138061
	Manganese	5.94	+/-10	U	20.0	P	11/26/2025	17:29	LB138061
	Sodium	868	+/-1000	U	2000	P	11/26/2025	17:29	LB138061
	Zinc	16.7	+/-20	U	40.0	P	11/26/2025	17:29	LB138061
CCB05	Iron	23.4	+/-50	U	100	P	11/26/2025	18:20	LB138061
	Manganese	5.94	+/-10	U	20.0	P	11/26/2025	18:20	LB138061
	Sodium	868	+/-1000	U	2000	P	11/26/2025	18:20	LB138061
	Zinc	16.7	+/-20	U	40.0	P	11/26/2025	18:20	LB138061
CCB06	Iron	23.4	+/-50	U	100	P	11/26/2025	19:11	LB138061
	Manganese	5.94	+/-10	U	20.0	P	11/26/2025	19:11	LB138061
	Sodium	868	+/-1000	U	2000	P	11/26/2025	19:11	LB138061
	Zinc	16.7	+/-20	U	40.0	P	11/26/2025	19:11	LB138061
CCB07	Iron	23.4	+/-50	U	100	P	11/26/2025	20:02	LB138061
	Manganese	5.94	+/-10	U	20.0	P	11/26/2025	20:02	LB138061
	Sodium	868	+/-1000	U	2000	P	11/26/2025	20:02	LB138061
	Zinc	16.7	+/-20	U	40.0	P	11/26/2025	20:02	LB138061
CCB08	Iron	23.4	+/-50	U	100	P	11/26/2025	20:14	LB138061
	Manganese	5.94	+/-10	U	20.0	P	11/26/2025	20:14	LB138061
	Sodium	868	+/-1000	U	2000	P	11/26/2025	20:14	LB138061
	Zinc	16.7	+/-20	U	40.0	P	11/26/2025	20:14	LB138061

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Metals
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PREPARATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q3716

Instrument: P4

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB170729BL		**WATER**		**Batch Number:**	**PB170729**		**Prep Date:**	**11/25/2025**	
	Iron	11.7	<25	U	50.0	P	11/26/2025	14:26	LB138061
	Manganese	2.97	<5	U	10.0	P	11/26/2025	14:26	LB138061
	Sodium	434	<500	U	1000	P	11/26/2025	14:26	LB138061
	Zinc	8.33	<10	U	20.0	P	11/26/2025	14:26	LB138061

METAL CALIBRATION DATA

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q3716

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	Iron	4290	4000	107	90 - 110	P	11/26/2025	13:18	LB138061
	Manganese	1960	2000	98	90 - 110	P	11/26/2025	13:18	LB138061
	Sodium	19500	20000	98	90 - 110	P	11/26/2025	13:18	LB138061
	Zinc	2040	2000	102	90 - 110	P	11/26/2025	13:18	LB138061

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q3716

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	Iron	86.9	100	87	80 - 120	P	11/26/2025	13:22	LB138061
	Manganese	21.2	20.0	106	80 - 120	P	11/26/2025	13:22	LB138061
	Sodium	1820	2000	91	80 - 120	P	11/26/2025	13:22	LB138061
	Zinc	43.2	40.0	108	80 - 120	P	11/26/2025	13:22	LB138061

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q3716

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	Iron	4960	5000	99	90 - 110	P	11/26/2025	14:18	LB138061
	Manganese	2340	2500	94	90 - 110	P	11/26/2025	14:18	LB138061
	Sodium	23500	25000	94	90 - 110	P	11/26/2025	14:18	LB138061
	Zinc	2520	2500	101	90 - 110	P	11/26/2025	14:18	LB138061
CCV02	Iron	5010	5000	100	90 - 110	P	11/26/2025	15:39	LB138061
	Manganese	2330	2500	93	90 - 110	P	11/26/2025	15:39	LB138061
	Sodium	23400	25000	93	90 - 110	P	11/26/2025	15:39	LB138061
	Zinc	2560	2500	103	90 - 110	P	11/26/2025	15:39	LB138061
CCV03	Iron	5050	5000	101	90 - 110	P	11/26/2025	16:29	LB138061
	Manganese	2390	2500	96	90 - 110	P	11/26/2025	16:29	LB138061
	Sodium	24500	25000	98	90 - 110	P	11/26/2025	16:29	LB138061
	Zinc	2530	2500	101	90 - 110	P	11/26/2025	16:29	LB138061
CCV04	Iron	5090	5000	102	90 - 110	P	11/26/2025	17:25	LB138061
	Manganese	2370	2500	95	90 - 110	P	11/26/2025	17:25	LB138061
	Sodium	24300	25000	97	90 - 110	P	11/26/2025	17:25	LB138061
	Zinc	2540	2500	102	90 - 110	P	11/26/2025	17:25	LB138061
CCV05	Iron	4950	5000	99	90 - 110	P	11/26/2025	18:16	LB138061
	Manganese	2400	2500	96	90 - 110	P	11/26/2025	18:16	LB138061
	Sodium	23700	25000	95	90 - 110	P	11/26/2025	18:16	LB138061
	Zinc	2510	2500	100	90 - 110	P	11/26/2025	18:16	LB138061
CCV06	Iron	4950	5000	99	90 - 110	P	11/26/2025	19:07	LB138061
	Manganese	2350	2500	94	90 - 110	P	11/26/2025	19:07	LB138061
	Sodium	23700	25000	95	90 - 110	P	11/26/2025	19:07	LB138061
	Zinc	2490	2500	99	90 - 110	P	11/26/2025	19:07	LB138061
CCV07	Iron	5010	5000	100	90 - 110	P	11/26/2025	19:57	LB138061
	Manganese	2360	2500	94	90 - 110	P	11/26/2025	19:57	LB138061
	Sodium	24000	25000	96	90 - 110	P	11/26/2025	19:57	LB138061
	Zinc	2490	2500	100	90 - 110	P	11/26/2025	19:57	LB138061
CCV08	Iron	5000	5000	100	90 - 110	P	11/26/2025	20:10	LB138061
	Manganese	2320	2500	93	90 - 110	P	11/26/2025	20:10	LB138061
	Sodium	23500	25000	94	90 - 110	P	11/26/2025	20:10	LB138061
	Zinc	2500	2500	100	90 - 110	P	11/26/2025	20:10	LB138061

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Metals

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CRDL STANDARD FOR AA & ICP

Client: G Environmental **SDG No.:** Q3716

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	Iron	91.9	100	92	65 - 135	P	11/26/2025	13:31	LB138061
	Manganese	21.9	20.0	110	65 - 135	P	11/26/2025	13:31	LB138061
	Sodium	1940	2000	97	65 - 135	P	11/26/2025	13:31	LB138061
	Zinc	44.5	40.0	111	65 - 135	P	11/26/2025	13:31	LB138061

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Metals
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INTERFERENCE CHECK SAMPLE

Client: G Environmental **SDG No.:** Q3716

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	Iron	96100	101000	95	85600	116500	11/26/2025	13:35	LB138061
	Manganese	8.34	7.0	119	-13	27	11/26/2025	13:35	LB138061
	Sodium	-21.6			0	0	11/26/2025	13:35	LB138061
	Zinc	7.69			-40	40	11/26/2025	13:35	LB138061
ICSAB01	Iron	98800	99300	100	84400	114500	11/26/2025	13:39	LB138061
	Manganese	480	507	95	430	584	11/26/2025	13:39	LB138061
	Sodium	-5.65			0	0	11/26/2025	13:39	LB138061
	Zinc	1060	952	111	809	1095	11/26/2025	13:39	LB138061

METAL QC DATA

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metals
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MATRIX SPIKE SUMMARY

client: G Environmental **level:** low **sdg no.:** Q3716

contract: GENV01 **lab code:** ACE

matrix: Water **sample id:** Q3716-02 **client id:** MW3MS

Percent Solids for Sample: NA **Spiked ID:** Q3716-02MS **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Iron	ug/L	75 - 125	5680		3950		1500	115		P
Manganese	ug/L	75 - 125	4690		4420		100	269		P
Sodium	ug/L	75 - 125	34000		31100		1500	196		P
Zinc	ug/L	75 - 125	135		30.2		100	105		P

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metals
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MATRIX SPIKE DUPLICATE SUMMARY

client: G Environmental **level:** low **sdg no.:** Q3716

contract: GENV01 **lab code:** ACE

matrix: Water **sample id:** Q3716-02 **client id:** MW3MSD

Percent Solids for Sample: NA **Spiked ID:** Q3716-02MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Iron	ug/L	75 - 125	5790		3950		1500	123		P
Manganese	ug/L	75 - 125	4560		4420		100	134		P
Sodium	ug/L	75 - 125	34100		31100		1500	200		P
Zinc	ug/L	75 - 125	134		30.2		100	104		P

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Metals
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Client: G Environmental **SDG No.:** Q3716

Contract: GENV01 **Lab Code:** ACE

Matrix: **Level:** LOW **Client ID:**

Sample ID: **Spiked ID:**

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

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: G Environmental **Level:** LOW **SDG No.:** Q3716

Contract: GENV01 **Lab Code:** ACE

Matrix: Water **Sample ID:** Q3716-02 **Client ID:** MW3DUP

Percent Solids for Sample: NA **Duplicate ID** Q3716-02DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Iron	ug/L	20	3950		3950		0		P
Manganese	ug/L	20	4420		4410		0		P
Sodium	ug/L	20	31100		31000		0		P
Zinc	ug/L	20	30.2		29.9		1		P

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

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: G Environmental **Level:** LOW **SDG No.:** Q3716

Contract: GENV01 **Lab Code:** ACE

Matrix: Water **Sample ID:** Q3716-02MS **Client ID:** MW3MSD

Percent Solids for Sample: NA **Duplicate ID** Q3716-02MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Iron	ug/L	20	5680		5790		2		P
Manganese	ug/L	20	4690		4560		3		P
Sodium	ug/L	20	34000		34100		0		P
Zinc	ug/L	20	135		134		1		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.:** Q3716

Contract: GENV01 **Lab Code:** ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB170729BS							
Iron	ug/L	1500	1560		104	80 - 120	P
Manganese	ug/L	100	102		102	80 - 120	P
Sodium	ug/L	1500	1430		95	80 - 120	P
Zinc	ug/L	100	110		110	80 - 120	P

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Metals

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ICP SERIAL DILUTIONS

SAMPLE NO.

MW3L

Lab Name: Alliance **Contract:** GENV01

Lab Code: ACE **Lb No.:** lb138061 **Lab Sample ID :** Q3716-02L **SDG No.:** Q3716

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
Iron	3950		3800		4		P
Manganese	4420		4500		2		P
Sodium	31100		28600		8		P
Zinc	30.2		100	U	100.0		P

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metals
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ANALYSIS RUN LOG

Client: G Environmental **Contract:** GENV01

Lab code: ACE **Sdg no.:** Q3716

Instrument id number: **Method:** **Run number:** LB138061

Start date: 11/26/2025 **End date:** 11/26/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1253	Fe,Mn,Na,Zn
S1	S1	1	1257	Fe,Mn,Na,Zn
S2	S2	1	1302	Fe,Mn,Na,Zn
S3	S3	1	1306	Fe,Mn,Na,Zn
S4	S4	1	1310	Fe,Mn,Na,Zn
S5	S5	1	1314	Fe,Mn,Na,Zn
ICV01	ICV01	1	1318	Fe,Mn,Na,Zn
LLICV01	LLICV01	1	1322	Fe,Mn,Na,Zn
ICB01	ICB01	1	1326	Fe,Mn,Na,Zn
CRI01	CRI01	1	1331	Fe,Mn,Na,Zn
ICSA01	ICSA01	1	1335	Fe,Mn,Na,Zn
ICSAB01	ICSAB01	1	1339	Fe,Mn,Na,Zn
CCV01	CCV01	1	1418	Fe,Mn,Na,Zn
CCB01	CCB01	1	1422	Fe,Mn,Na,Zn
PB170729BL	PB170729BL	1	1426	Fe,Mn,Na,Zn
PB170729BS	PB170729BS	1	1430	Fe,Mn,Na,Zn
CCV02	CCV02	1	1539	Fe,Mn,Na,Zn
CCB02	CCB02	1	1543	Fe,Mn,Na,Zn
Q3716-01	MW5	1	1608	Fe,Mn,Na,Zn
Q3716-02	MW3	1	1612	Fe,Mn,Na,Zn
Q3716-02DUP	MW3DUP	1	1616	Fe,Mn,Na,Zn
Q3716-02L	MW3L	5	1620	Fe,Mn,Na,Zn
Q3716-02MS	MW3MS	1	1625	Fe,Mn,Na,Zn
CCV03	CCV03	1	1629	Fe,Mn,Na,Zn
CCB03	CCB03	1	1633	Fe,Mn,Na,Zn
Q3716-02MSD	MW3MSD	1	1654	Fe,Mn,Na,Zn
Q3716-03	MW4	1	1702	Fe,Mn,Na,Zn
Q3716-04	MW7	1	1706	Fe,Mn,Na,Zn
CCV04	CCV04	1	1725	Fe,Mn,Na,Zn
CCB04	CCB04	1	1729	Fe,Mn,Na,Zn
CCV05	CCV05	1	1816	Fe,Mn,Na,Zn
CCB05	CCB05	1	1820	Fe,Mn,Na,Zn
CCV06	CCV06	1	1907	Fe,Mn,Na,Zn
CCB06	CCB06	1	1911	Fe,Mn,Na,Zn
CCV07	CCV07	1	1957	Fe,Mn,Na,Zn
CCB07	CCB07	1	2002	Fe,Mn,Na,Zn
CCV08	CCV08	1	2010	Fe,Mn,Na,Zn
CCB08	CCB08	1	2014	Fe,Mn,Na,Zn

METAL PREPARATION & INSTRUMENT DATA

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Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental **SDG No.:** Q3716

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
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0001050	0.0000000	0.0000000

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Metals
- 11 -
ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental **SDG No.:** Q3716

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
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	-0.0039600
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

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Metals
- 11 -
ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental **SDG No.:** Q3716

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
Iron	240.488	0.0000000	0.0000000	0.0000730	0.0000000	-0.0015250
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0009010	0.0000000	0.0000000	0.0000000

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Metals
- 11 -
ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental **SDG No.:** Q3716

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
Iron	240.488	0.0000000	-0.0017000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0067600	0.0000000	0.0000000	0.0000000

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Metals
- 11 -
ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental **SDG No.:** Q3716

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
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

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LAB CHRONICLE

OrderID:	Q3716	**OrderDate:**	11/24/2025 2:47:03 PM
Client:	G Environmental	**Project:**	Adoni
Contact:	Gary Landis	**Location:**	E22,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3716-01	**MW5**	**Water**			**11/24/25**			**11/24/25**
			Metals Group4	6010D		11/25/25	11/26/25	
Q3716-02	**MW3**	**Water**			**11/24/25**			**11/24/25**
			Metals Group4	6010D		11/25/25	11/26/25	
Q3716-03	**MW4**	**Water**			**11/24/25**			**11/24/25**
			Metals Group4	6010D		11/25/25	11/26/25	
Q3716-04	**MW7**	**Water**			**11/24/25**			**11/24/25**
			Metals Group4	6010D		11/25/25	11/26/25	

METAL PREPARATION & ANALYICAL SUMMARY

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Metals
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SAMPLE PREPARATION SUMMARY

Client: G Environmental **SDG No.:** Q3716

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:	**PB170729**						
PB170729BL	PB170729BL	MB	WATER	11/25/2025	50.0	25.0	
PB170729BS	PB170729BS	LCS	WATER	11/25/2025	50.0	25.0	
Q3716-01	MW5	SAM	WATER	11/25/2025	50.0	25.0	
Q3716-02	MW3	SAM	WATER	11/25/2025	50.0	25.0	
Q3716-02DUP	MW3DUP	DUP	WATER	11/25/2025	50.0	25.0	
Q3716-02MS	MW3MS	MS	WATER	11/25/2025	50.0	25.0	
Q3716-02MSD	MW3MSD	MSD	WATER	11/25/2025	50.0	25.0	
Q3716-03	MW4	SAM	WATER	11/25/2025	50.0	25.0	
Q3716-04	MW7	SAM	WATER	11/25/2025	50.0	25.0	

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB138061

Review By	Janvi	Review On	12/3/2025 10:19:17 AM
Supervise By	jaswal	Supervise On	12/3/2025 10:06:02 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	11/26/25 12:53		Jaswal	OK
2	S1	S1	CAL2	11/26/25 12:57		Jaswal	OK
3	S2	S2	CAL3	11/26/25 13:02		Jaswal	OK
4	S3	S3	CAL4	11/26/25 13:06		Jaswal	OK
5	S4	S4	CAL5	11/26/25 13:10		Jaswal	OK
6	S5	S5	CAL6	11/26/25 13:14		Jaswal	OK
7	ICV01	ICV01	ICV	11/26/25 13:18		Jaswal	OK
8	LLICV01	LLICV01	LLICV	11/26/25 13:22		Jaswal	OK
9	ICB01	ICB01	ICB	11/26/25 13:26		Jaswal	OK
10	CRI01	CRI01	CRDL	11/26/25 13:31		Jaswal	OK
11	ICSA01	ICSA01	ICSA	11/26/25 13:35		Jaswal	OK
12	ICSAB01	ICSAB01	ICSAB	11/26/25 13:39		Jaswal	OK
13	ICSADL	ICSADL	ICSA	11/26/25 13:43		Jaswal	OK
14	ICSABDL	ICSABDL	ICSAB	11/26/25 13:48		Jaswal	OK
15	CCV01	CCV01	CCV	11/26/25 14:18		Jaswal	OK
16	CCB01	CCB01	CCB	11/26/25 14:22		Jaswal	OK
17	PB170729BL	PB170729BL	MB	11/26/25 14:26		Jaswal	OK
18	PB170729BS	PB170729BS	LCS	11/26/25 14:30		Jaswal	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB138061

Review By	Janvi	Review On	12/3/2025 10:19:17 AM
Supervise By	jaswal	Supervise On	12/3/2025 10:06:02 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	PB170744BL	PB170744BL	MB	11/26/25 14:51		Jaswal	OK
20	PB170744BS	PB170744BS	LCS	11/26/25 14:56		Jaswal	OK
21	Q3721-01	EO-2-112525	SAM	11/26/25 15:14		Jaswal	OK
22	Q3723-01	CC-1-112525	SAM	11/26/25 15:18		Jaswal	OK
23	Q3722-01	257400	SAM	11/26/25 15:22		Jaswal	OK
24	Q3722-01DUP	257400DUP	DUP	11/26/25 15:26		Jaswal	OK
25	Q3722-01L	257400L	SD	11/26/25 15:31		Jaswal	OK
26	Q3722-01MS	257400MS	MS	11/26/25 15:35		Jaswal	OK
27	CCV02	CCV02	CCV	11/26/25 15:39		Jaswal	OK
28	CCB02	CCB02	CCB	11/26/25 15:43		Jaswal	OK
29	Q3722-01MSD	257400MSD	MSD	11/26/25 15:47		Jaswal	OK
30	Q3722-02	259319	SAM	11/26/25 15:51		Jaswal	OK
31	Q3722-01A	257400A	PS	11/26/25 15:55	0.1 ml of each m6008 and m6017 in 10ml sample.	Jaswal	OK
32	PB170746BL	PB170746BL	MB	11/26/25 15:59		Jaswal	OK
33	PB170746BS	PB170746BS	LCS	11/26/25 16:04		Jaswal	OK
34	Q3716-01	MW5	SAM	11/26/25 16:08		Jaswal	OK
35	Q3716-02	MW3	SAM	11/26/25 16:12		Jaswal	OK
36	Q3716-02DUP	MW3DUP	DUP	11/26/25 16:16		Jaswal	OK
37	Q3716-02L	MW3L	SD	11/26/25 16:20		Jaswal	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB138061

Review By	Janvi	Review On	12/3/2025 10:19:17 AM
Supervise By	jaswal	Supervise On	12/3/2025 10:06:02 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

38	Q3716-02MS	MW3MS	MS	11/26/25 16:25		Jaswal	OK
39	CCV03	CCV03	CCV	11/26/25 16:29		Jaswal	OK
40	CCB03	CCB03	CCB	11/26/25 16:33		Jaswal	OK
41	LR-1	LR-1	HIGH STD	11/26/25 16:37		Jaswal	OK
42	LR-2	LR-2	HIGH STD	11/26/25 16:42		Jaswal	OK
43	LR-3	LR-3	HIGH STD	11/26/25 16:49		Jaswal	OK
44	Q3716-02MSD	MW3MSD	MSD	11/26/25 16:54		Jaswal	OK
45	Q3716-02A	MW3A	PS	11/26/25 16:58	0.1 ml of each m6008 and m6017 in 10ml sample.	Jaswal	OK
46	Q3716-03	MW4	SAM	11/26/25 17:02		Jaswal	OK
47	Q3716-04	MW7	SAM	11/26/25 17:06		Jaswal	OK
48	Q3718-01	Basement Kitchen (1s	SAM	11/26/25 17:12		Jaswal	OK
49	Q3718-02	2nd draw	SAM	11/26/25 17:16		Jaswal	OK
50	Q3718-03	Adult Bathroom (1st d	SAM	11/26/25 17:20		Jaswal	OK
51	CCV04	CCV04	CCV	11/26/25 17:25		Jaswal	OK
52	CCB04	CCB04	CCB	11/26/25 17:29		Jaswal	OK
53	Q3718-04	2nd draw	SAM	11/26/25 17:33		Jaswal	OK
54	Q3718-05	Drinking Fountain (1st	SAM	11/26/25 17:37		Jaswal	OK
55	Q3718-06	2nd draw	SAM	11/26/25 17:42		Jaswal	OK
56	Q3718-07	Kids Bathroom L (1st (	SAM	11/26/25 17:46		Jaswal	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB138061

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Supervise By	jaswal	Supervise On	12/3/2025 10:06:02 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

57	Q3718-08	L 2nd draw	SAM	11/26/25 17:50		Jaswal	OK
58	Q3718-09	R (1st draw)	SAM	11/26/25 17:54		Jaswal	OK
59	Q3718-10	R (2nd draw)	SAM	11/26/25 17:59		Jaswal	OK
60	Q3718-11	Main Hall (1st draw)	SAM	11/26/25 18:03		Jaswal	OK
61	Q3718-12	L (2nd draw)	SAM	11/26/25 18:07		Jaswal	OK
62	Q3718-13	R (1st draw)	SAM	11/26/25 18:12		Jaswal	OK
63	CCV05	CCV05	CCV	11/26/25 18:16		Jaswal	OK
64	CCB05	CCB05	CCB	11/26/25 18:20		Jaswal	OK
65	Q3718-14	R (2nd draw)	SAM	11/26/25 18:24		Jaswal	OK
66	Q3719-01	SB-1125-10A	SAM	11/26/25 18:29		Jaswal	OK
67	Q3719-02	SB-1125-10B	SAM	11/26/25 18:33		Jaswal	OK
68	Q3719-03	SB-1125-11A	SAM	11/26/25 18:37		Jaswal	OK
69	Q3719-04	SB-1125-11B	SAM	11/26/25 18:41		Jaswal	OK
70	Q3719-05	SB-1125-12A	SAM	11/26/25 18:45		Jaswal	OK
71	Q3719-06	SB-1125-12B	SAM	11/26/25 18:49		Jaswal	OK
72	Q3719-07	SB-1125-14A	SAM	11/26/25 18:55		Jaswal	OK
73	Q3719-08	SB-1125-14B	SAM	11/26/25 18:59		Jaswal	OK
74	Q3719-09	SB-1125-15A	SAM	11/26/25 19:03		Jaswal	OK
75	CCV06	CCV06	CCV	11/26/25 19:07		Jaswal	OK
76	CCB06	CCB06	CCB	11/26/25 19:11		Jaswal	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB138061

Review By	Janvi	Review On	12/3/2025 10:19:17 AM
Supervise By	jaswal	Supervise On	12/3/2025 10:06:02 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

77	Q3719-10	SB-1125-15B	SAM	11/26/25 19:16		Jaswal	OK
78	Q3719-11	SB-1125-16A	SAM	11/26/25 19:20		Jaswal	OK
79	Q3719-12	SB-1125-16B	SAM	11/26/25 19:24		Jaswal	OK
80	Q3719-13	SB-1125-17A	SAM	11/26/25 19:28		Jaswal	OK
81	Q3719-14	SB-1125-17B	SAM	11/26/25 19:32		Jaswal	OK
82	Q3719-14DUP	SB-1125-17BDUP	DUP	11/26/25 19:36		Jaswal	OK
83	Q3719-14L	SB-1125-17BL	SD	11/26/25 19:41		Jaswal	OK
84	Q3719-14MS	SB-1125-17BMS	MS	11/26/25 19:45		Jaswal	OK
85	Q3719-14MSD	SB-1125-17BMSD	MSD	11/26/25 19:49		Jaswal	OK
86	Q3719-14A	SB-1125-17BA	PS	11/26/25 19:53	0.1 ml of each m6008 and m6017 in 10ml sample.	Jaswal	OK
87	CCV07	CCV07	CCV	11/26/25 19:57		Jaswal	OK
88	CCB07	CCB07	CCB	11/26/25 20:02		Jaswal	OK
89	Q3725-01	STOCKPILE-SAMPLE	SAM	11/26/25 20:06		Jaswal	OK
90	CCV08	CCV08	CCV	11/26/25 20:10		Jaswal	OK
91	CCB08	CCB08	CCB	11/26/25 20:14		Jaswal	OK

Alliance TECHNICAL GROUP

Water Metals Preparation Sheet

PB170729

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: 11/25/2025 **Time :** 10:50 **Temp :** 96 °C

End Digest Date: 11/25/2025 **Time :** 13:55 **Temp :** 96 °C

Digestion tube ID: M5595

Block thermometer ID: MET-DIG. #1

Dig Technician Signature: SLy

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
11/25/25 14:55	SLy met dig	SJ (Metals Lab)
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

Water Metals Preparation Sheet

PB170729

Lab Sample ID	Client Sample ID	pH	Initial Vol (ml)	Final Vol (ml)	Color Before	Color After	Clarity Before	Clarity After	Comment	Prep Pos
PB170729BL	PBW729	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	1
PB170729BS	LCS729	<2	50	25	Colorless	Colorless	Clear	Clear	M6209,M6201	2
Q3716-01	MW5	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	3
Q3716-02	MW3	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	4
Q3716-02MS	MW3MS	<2	50	25	Colorless	Colorless	Clear	Clear	M6209,M6201	6
Q3716-02MSD	MW3MSD	<2	50	25	Colorless	Colorless	Clear	Clear	M6209,M6201	7
Q3716-02DUP	MW3DUP	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	5
Q3716-03	MW4	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	8
Q3716-04	MW7	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	9
Q3718-01	BASEMENT KITCHEN (1ST DRAW)	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	10
Q3718-02	2ND DRAW	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	11
Q3718-03	ADULT BATHROOM (1ST DRAW)	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	12
Q3718-04	2ND DRAW	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	13
Q3718-05	DRINKING FOUNTAIN (1ST DRAW)	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	14
Q3718-06	2ND DRAW	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	15
Q3718-07	KIDS BATHROOM L (1ST DRAW)	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	16
Q3718-08	L 2ND DRAW	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	17
Q3718-09	R (1ST DRAW)	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	18
Q3718-10	R (2ND DRAW)	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	19
Q3718-11	MAIN HALL (1ST DRAW)	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	20
Q3718-12	L (2ND DRAW)	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	21
Q3718-13	R (1ST DRAW)	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	22
Q3718-14	R (2ND DRAW)	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	23