

LAB CHRONICLE

OrderID:	Q2552	OrderDate:	7/9/2025 3:45:00 PM
Client:	Alliance Technical Group, LLC - Newark	Project:	NJ Drinking Water PT
Contact:	Mohammad Ahmed	Location:	QA Office,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2552-03	WS0725-PT-MIN-WS	Water	Hardness, Calcium	SM2340B	07/07/25	08/18/25	08/19/25	07/09/25
			Metals Group3	200.7		08/18/25	08/19/25	
Q2552-04	WS0725-PT-TM-WS	Water	Metals Group6	200.7	07/07/25	08/18/25	08/19/25	07/09/25
			Metals Group7	200.8		08/18/25	08/18/25	
Q2552-05	WS0725-PT-HG-WS	Water	Mercury	245.1	07/07/25	07/31/25	07/31/25	07/09/25
Q2552-06	WS0725-PT-SIO2-WS	Water	Silica	200.7	07/07/25	08/18/25	08/19/25	07/09/25

Hit Summary Sheet SW-846

SDG No.: Q2552 **Order ID:** Q2552
Client: Alliance Technical Group, LLC - Newark **Project ID:** NJ Drinking Water PT

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : WS0725-PT-MIN-WS								
Q2552-03	WS0725-PT-MIN-WS	Water	Calcium	66100		173	2000	ug/L
Q2552-03	WS0725-PT-MIN-WS	Water	Calcium Hardness	165000		432	4990	ug/L
Q2552-03	WS0725-PT-MIN-WS	Water	Magnesium	18500		208	2000	ug/L
Q2552-03	WS0725-PT-MIN-WS	Water	Potassium	28400		618	2000	ug/L
Q2552-03	WS0725-PT-MIN-WS	Water	Sodium	44600		734	2000	ug/L
Q2552-03	WS0725-PT-MIN-WS	Water	Hardness, Total	241000		1290	13200	ug/L
Client ID : WS0725-PT-TM-WS								
Q2552-04	WS0725-PT-TM-WS	Water	Aluminum	626		30.8	100	ug/L
Q2552-04	WS0725-PT-TM-WS	Water	Antimony	18.7	J	5.44	50.0	ug/L
Q2552-04	WS0725-PT-TM-WS	Water	Arsenic	22.6		3.70	20.0	ug/L
Q2552-04	WS0725-PT-TM-WS	Water	Barium	664		19.5	100	ug/L
Q2552-04	WS0725-PT-TM-WS	Water	Beryllium	9.25		0.54	6.00	ug/L
Q2552-04	WS0725-PT-TM-WS	Water	Boron	869		13.8	100	ug/L
Q2552-04	WS0725-PT-TM-WS	Water	Cadmium	16.4		0.62	6.00	ug/L
Q2552-04	WS0725-PT-TM-WS	Water	Chromium	23.4		1.06	10.0	ug/L
Q2552-04	WS0725-PT-TM-WS	Water	Copper	1040		3.78	20.0	ug/L
Q2552-04	WS0725-PT-TM-WS	Water	Iron	620		36.0	100	ug/L
Q2552-04	WS0725-PT-TM-WS	Water	Lead	46.4		2.42	12.0	ug/L
Q2552-04	WS0725-PT-TM-WS	Water	Manganese	111		4.92	20.0	ug/L
Q2552-04	WS0725-PT-TM-WS	Water	Molybdenum	92.9	J	17.6	200	ug/L
Q2552-04	WS0725-PT-TM-WS	Water	Nickel	443		3.80	40.0	ug/L
Q2552-04	WS0725-PT-TM-WS	Water	Selenium	77.9		5.04	20.0	ug/L
Q2552-04	WS0725-PT-TM-WS	Water	Silver	83.9		1.62	10.0	ug/L
Q2552-04	WS0725-PT-TM-WS	Water	Thallium	8.47	J	5.02	40.0	ug/L
Q2552-04	WS0725-PT-TM-WS	Water	Vanadium	318		4.98	40.0	ug/L
Q2552-04	WS0725-PT-TM-WS	Water	Zinc	1010		4.00	40.0	ug/L
Client ID : WS0725-PT-HG-WS								
Q2552-05	WS0725-PT-HG-WS	Water	Mercury	6.44		0.027	0.20	ug/L
Client ID : WS0725-PT-SIO2-WS								
Q2552-06	WS0725-PT-SIO2-WS	Water	Dissolved Silica	11400		80.0	856	ug/L



SAMPLE DATA

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark	Date Collected:	07/07/25
Project:	NJ Drinking Water PT	Date Received:	07/09/25
Client Sample ID:	WS0725-PT-MIN-WS	SDG No.:	Q2552
Lab Sample ID:	Q2552-03	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.
7440-70-2	Calcium	66100	1	173		2000	ug/L	08/18/25 07:40	08/19/25 13:39	EPA 200.7	
Calcium	Calcium	165000	1	432		4990	ug/L	08/18/25 07:40	08/19/25 13:39	EPA 200.7	
Hardness	Hardness										
Hardness	Hardness, Total	241000	1	1290		13200	ug/L	08/18/25 07:40	08/19/25 13:39	EPA 200.7	
7439-95-4	Magnesium	18500	1	208		2000	ug/L	08/18/25 07:40	08/19/25 13:39	EPA 200.7	
7440-09-7	Potassium	28400	1	618		2000	ug/L	08/18/25 07:40	08/19/25 13:39	EPA 200.7	
7440-23-5	Sodium	44600	1	734		2000	ug/L	08/18/25 07:40	08/19/25 13:39	EPA 200.7	

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	Hardness, Calcium			

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

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark	Date Collected:	07/07/25
Project:	NJ Drinking Water PT	Date Received:	07/09/25
Client Sample ID:	WS0725-PT-TM-WS	SDG No.:	Q2552
Lab Sample ID:	Q2552-04	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.
7429-90-5	Aluminum	626		1	30.8	100	ug/L	08/18/25 07:40	08/19/25 13:43	EPA 200.7	
7440-36-0	Antimony	18.7	J	1	5.44	50.0	ug/L	08/18/25 07:40	08/19/25 13:43	EPA 200.7	
7440-38-2	Arsenic	22.6		1	3.70	20.0	ug/L	08/18/25 07:40	08/19/25 13:43	EPA 200.7	
7440-39-3	Barium	664		1	19.5	100	ug/L	08/18/25 07:40	08/19/25 13:43	EPA 200.7	
7440-41-7	Beryllium	9.25		1	0.54	6.00	ug/L	08/18/25 07:40	08/19/25 13:43	EPA 200.7	
7440-42-8	Boron	869		1	13.8	100	ug/L	08/18/25 07:40	08/19/25 13:43	EPA 200.7	
7440-43-9	Cadmium	16.4		1	0.62	6.00	ug/L	08/18/25 07:40	08/19/25 13:43	EPA 200.7	
7440-47-3	Chromium	23.4		1	1.06	10.0	ug/L	08/18/25 07:40	08/19/25 13:43	EPA 200.7	
7440-48-4	Cobalt	2.32	U	1	2.32	30.0	ug/L	08/18/25 07:40	08/19/25 13:43	EPA 200.7	
7440-50-8	Copper	1040		1	3.78	20.0	ug/L	08/18/25 07:40	08/19/25 13:43	EPA 200.7	
7439-89-6	Iron	620		1	36.0	100	ug/L	08/18/25 07:40	08/19/25 13:43	EPA 200.7	
7439-92-1	Lead	46.4		1	2.42	12.0	ug/L	08/18/25 07:40	08/19/25 13:43	EPA 200.7	
7439-96-5	Manganese	111		1	4.92	20.0	ug/L	08/18/25 07:40	08/19/25 13:43	EPA 200.7	
7439-98-7	Molybdenum	92.9	J	1	17.6	200	ug/L	08/18/25 07:40	08/19/25 13:43	EPA 200.7	
7440-02-0	Nickel	443		1	3.80	40.0	ug/L	08/18/25 07:40	08/19/25 13:43	EPA 200.7	
7782-49-2	Selenium	77.9		1	5.04	20.0	ug/L	08/18/25 07:40	08/19/25 13:43	EPA 200.7	
7440-22-4	Silver	83.9		1	1.62	10.0	ug/L	08/18/25 07:40	08/19/25 13:43	EPA 200.7	
7440-28-0	Thallium	8.47	J	1	5.02	40.0	ug/L	08/18/25 07:40	08/19/25 13:43	EPA 200.7	
7440-62-2	Vanadium	318		1	4.98	40.0	ug/L	08/18/25 07:40	08/19/25 13:43	EPA 200.7	
7440-66-6	Zinc	1010		1	4.00	40.0	ug/L	08/18/25 07:40	08/19/25 13:43	EPA 200.7	

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	Metals Group6			

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

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark	Date Collected:	07/07/25
Project:	NJ Drinking Water PT	Date Received:	07/09/25
Client Sample ID:	WS0725-PT-HG-WS	SDG No.:	Q2552
Lab Sample ID:	Q2552-05	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.
7439-97-6	Mercury	6.44	N	1	0.027	0.20	ug/L	07/31/25 09:00	07/31/25 14:34	E245.1	

Color Before:

Clarity Before:

Texture:

Color After:

Clarity After:

Artifacts:

Comments: Mercury

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

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark	Date Collected:	07/07/25
Project:	NJ Drinking Water PT	Date Received:	07/09/25
Client Sample ID:	WS0725-PT-SIO2-WS	SDG No.:	Q2552
Lab Sample ID:	Q2552-06	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.
Dissolved Silica	Dissolved Silica	11400	1	80.0		856	ug/L	08/18/25 07:40	08/19/25 13:26	EPA 200.7	

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	Silica			

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



METAL CALIBRATION DATA

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q2552

Contract: ALLI03

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
ICV47	Mercury	4.04	4.0	101	95 - 105	CV	07/31/2025	13:36	LB136665

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q2552

Contract: ALLI03

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
CCV71	Mercury	5.01	5.0	100	90 - 110	CV	07/31/2025	13:41	LB136665
CCV72	Mercury	4.65	5.0	93	90 - 110	CV	07/31/2025	14:25	LB136665
CCV73	Mercury	4.73	5.0	95	90 - 110	CV	07/31/2025	14:41	LB136665

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Alliance Technical Group, LLC - Newark
Contract: ALLI03
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

SDG No.: Q2552
Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Aluminum	7850	8000	98	95 - 105	P	08/19/2025	12:17	LB136886
	Antimony	4070	4000	102	95 - 105	P	08/19/2025	12:17	LB136886
	Arsenic	3990	4000	100	95 - 105	P	08/19/2025	12:17	LB136886
	Barium	7940	8000	99	95 - 105	P	08/19/2025	12:17	LB136886
	Beryllium	209	200	104	95 - 105	P	08/19/2025	12:17	LB136886
	Boron	4060	4000	102	95 - 105	P	08/19/2025	12:17	LB136886
	Cadmium	1970	2000	98	95 - 105	P	08/19/2025	12:17	LB136886
	Calcium	19600	20000	98	95 - 105	P	08/19/2025	12:17	LB136886
	Chromium	803	800	100	95 - 105	P	08/19/2025	12:17	LB136886
	Cobalt	1980	2000	99	95 - 105	P	08/19/2025	12:17	LB136886
	Copper	1020	1000	102	95 - 105	P	08/19/2025	12:17	LB136886
	Iron	4010	4000	100	95 - 105	P	08/19/2025	12:17	LB136886
	Lead	3990	4000	100	95 - 105	P	08/19/2025	12:17	LB136886
	Magnesium	19600	20000	98	95 - 105	P	08/19/2025	12:17	LB136886
	Manganese	1980	2000	99	95 - 105	P	08/19/2025	12:17	LB136886
	Molybdenum	4030	4000	101	95 - 105	P	08/19/2025	12:17	LB136886
	Nickel	1980	2000	99	95 - 105	P	08/19/2025	12:17	LB136886
	Potassium	19600	20000	98	95 - 105	P	08/19/2025	12:17	LB136886
	Selenium	4030	4000	101	95 - 105	P	08/19/2025	12:17	LB136886
	Silver	1010	1000	101	95 - 105	P	08/19/2025	12:17	LB136886
	Sodium	19600	20000	98	95 - 105	P	08/19/2025	12:17	LB136886
	Thallium	3920	4000	98	95 - 105	P	08/19/2025	12:17	LB136886
	Vanadium	1970	2000	98	95 - 105	P	08/19/2025	12:17	LB136886
	Zinc	2000	2000	100	95 - 105	P	08/19/2025	12:17	LB136886

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q2552

Contract: ALLI03

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	Aluminum	117	100	117	80 - 120	P	08/19/2025	12:23	LB136886
	Antimony	55.2	50.0	110	80 - 120	P	08/19/2025	12:23	LB136886
	Arsenic	20.1	20.0	100	80 - 120	P	08/19/2025	12:23	LB136886
	Barium	100	100	100	80 - 120	P	08/19/2025	12:23	LB136886
	Beryllium	6.28	6.0	105	80 - 120	P	08/19/2025	12:23	LB136886
	Boron	105	100	105	80 - 120	P	08/19/2025	12:23	LB136886
	Cadmium	6.00	6.0	100	80 - 120	P	08/19/2025	12:23	LB136886
	Calcium	2120	2000	106	80 - 120	P	08/19/2025	12:23	LB136886
	Chromium	10.0	10.0	100	80 - 120	P	08/19/2025	12:23	LB136886
	Cobalt	30.3	30.0	101	80 - 120	P	08/19/2025	12:23	LB136886
	Copper	22.1	20.0	111	80 - 120	P	08/19/2025	12:23	LB136886
	Iron	112	100	112	80 - 120	P	08/19/2025	12:23	LB136886
	Lead	12.5	12.0	104	80 - 120	P	08/19/2025	12:23	LB136886
	Magnesium	2190	2000	109	80 - 120	P	08/19/2025	12:23	LB136886
	Manganese	22.1	20.0	111	80 - 120	P	08/19/2025	12:23	LB136886
	Molybdenum	212	200	106	80 - 120	P	08/19/2025	12:23	LB136886
	Nickel	40.8	40.0	102	80 - 120	P	08/19/2025	12:23	LB136886
	Potassium	1900	2000	95	80 - 120	P	08/19/2025	12:23	LB136886
	Selenium	18.3	20.0	91	80 - 120	P	08/19/2025	12:23	LB136886
	Silver	10.6	10.0	106	80 - 120	P	08/19/2025	12:23	LB136886
	Sodium	1960	2000	98	80 - 120	P	08/19/2025	12:23	LB136886
	Thallium	43.9	40.0	110	80 - 120	P	08/19/2025	12:23	LB136886
	Vanadium	43.0	40.0	108	80 - 120	P	08/19/2025	12:23	LB136886
	Zinc	44.7	40.0	112	80 - 120	P	08/19/2025	12:23	LB136886

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q2552

Contract: ALLI03

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	Aluminum	9980	10000	100	90 - 110	P	08/19/2025	12:59	LB136886
	Antimony	5080	5000	102	90 - 110	P	08/19/2025	12:59	LB136886
	Arsenic	5050	5000	101	90 - 110	P	08/19/2025	12:59	LB136886
	Barium	10100	10000	100	90 - 110	P	08/19/2025	12:59	LB136886
	Beryllium	244	250	98	90 - 110	P	08/19/2025	12:59	LB136886
	Boron	4880	5000	98	90 - 110	P	08/19/2025	12:59	LB136886
	Cadmium	2480	2500	99	90 - 110	P	08/19/2025	12:59	LB136886
	Calcium	25100	25000	100	90 - 110	P	08/19/2025	12:59	LB136886
	Chromium	1000	1000	100	90 - 110	P	08/19/2025	12:59	LB136886
	Cobalt	2480	2500	99	90 - 110	P	08/19/2025	12:59	LB136886
	Copper	1260	1250	101	90 - 110	P	08/19/2025	12:59	LB136886
	Iron	5140	5000	103	90 - 110	P	08/19/2025	12:59	LB136886
	Lead	4950	5000	99	90 - 110	P	08/19/2025	12:59	LB136886
	Magnesium	24700	25000	99	90 - 110	P	08/19/2025	12:59	LB136886
	Manganese	2500	2500	100	90 - 110	P	08/19/2025	12:59	LB136886
	Molybdenum	5050	5000	101	90 - 110	P	08/19/2025	12:59	LB136886
	Nickel	2480	2500	99	90 - 110	P	08/19/2025	12:59	LB136886
	Potassium	25400	25000	102	90 - 110	P	08/19/2025	12:59	LB136886
	Selenium	5090	5000	102	90 - 110	P	08/19/2025	12:59	LB136886
	Silver	1260	1250	100	90 - 110	P	08/19/2025	12:59	LB136886
	Sodium	26000	25000	104	90 - 110	P	08/19/2025	12:59	LB136886
	Thallium	5150	5000	103	90 - 110	P	08/19/2025	12:59	LB136886
	Vanadium	2500	2500	100	90 - 110	P	08/19/2025	12:59	LB136886
	Zinc	2540	2500	102	90 - 110	P	08/19/2025	12:59	LB136886
CCV02	Aluminum	9760	10000	98	90 - 110	P	08/19/2025	14:05	LB136886
	Antimony	5010	5000	100	90 - 110	P	08/19/2025	14:05	LB136886
	Arsenic	4980	5000	100	90 - 110	P	08/19/2025	14:05	LB136886
	Barium	9800	10000	98	90 - 110	P	08/19/2025	14:05	LB136886
	Beryllium	239	250	96	90 - 110	P	08/19/2025	14:05	LB136886
	Boron	4800	5000	96	90 - 110	P	08/19/2025	14:05	LB136886
	Cadmium	2430	2500	97	90 - 110	P	08/19/2025	14:05	LB136886
	Calcium	24400	25000	98	90 - 110	P	08/19/2025	14:05	LB136886
	Chromium	982	1000	98	90 - 110	P	08/19/2025	14:05	LB136886
	Cobalt	2440	2500	97	90 - 110	P	08/19/2025	14:05	LB136886

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q2552

Contract: ALLI03

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
CCV02	Copper	1240	1250	99	90 - 110	P	08/19/2025	14:05	LB136886
	Iron	5080	5000	102	90 - 110	P	08/19/2025	14:05	LB136886
	Lead	4850	5000	97	90 - 110	P	08/19/2025	14:05	LB136886
	Magnesium	24200	25000	97	90 - 110	P	08/19/2025	14:05	LB136886
	Manganese	2440	2500	98	90 - 110	P	08/19/2025	14:05	LB136886
	Molybdenum	4990	5000	100	90 - 110	P	08/19/2025	14:05	LB136886
	Nickel	2440	2500	98	90 - 110	P	08/19/2025	14:05	LB136886
	Potassium	24800	25000	99	90 - 110	P	08/19/2025	14:05	LB136886
	Selenium	5020	5000	100	90 - 110	P	08/19/2025	14:05	LB136886
	Silver	1240	1250	99	90 - 110	P	08/19/2025	14:05	LB136886
	Sodium	25000	25000	100	90 - 110	P	08/19/2025	14:05	LB136886
	Thallium	5060	5000	101	90 - 110	P	08/19/2025	14:05	LB136886
	Vanadium	2480	2500	99	90 - 110	P	08/19/2025	14:05	LB136886
	Zinc	2500	2500	100	90 - 110	P	08/19/2025	14:05	LB136886
CCV03	Aluminum	9870	10000	99	90 - 110	P	08/19/2025	14:54	LB136886
	Antimony	5060	5000	101	90 - 110	P	08/19/2025	14:54	LB136886
	Arsenic	5040	5000	101	90 - 110	P	08/19/2025	14:54	LB136886
	Barium	10000	10000	100	90 - 110	P	08/19/2025	14:54	LB136886
	Beryllium	243	250	97	90 - 110	P	08/19/2025	14:54	LB136886
	Boron	4840	5000	97	90 - 110	P	08/19/2025	14:54	LB136886
	Cadmium	2470	2500	99	90 - 110	P	08/19/2025	14:54	LB136886
	Calcium	24600	25000	98	90 - 110	P	08/19/2025	14:54	LB136886
	Chromium	1000	1000	100	90 - 110	P	08/19/2025	14:54	LB136886
	Cobalt	2470	2500	99	90 - 110	P	08/19/2025	14:54	LB136886
	Copper	1250	1250	100	90 - 110	P	08/19/2025	14:54	LB136886
	Iron	5160	5000	103	90 - 110	P	08/19/2025	14:54	LB136886
	Lead	4910	5000	98	90 - 110	P	08/19/2025	14:54	LB136886
	Magnesium	24600	25000	98	90 - 110	P	08/19/2025	14:54	LB136886
	Manganese	2470	2500	99	90 - 110	P	08/19/2025	14:54	LB136886
	Molybdenum	5050	5000	101	90 - 110	P	08/19/2025	14:54	LB136886
	Nickel	2470	2500	99	90 - 110	P	08/19/2025	14:54	LB136886
	Potassium	25100	25000	100	90 - 110	P	08/19/2025	14:54	LB136886
	Selenium	5080	5000	102	90 - 110	P	08/19/2025	14:54	LB136886
	Silver	1260	1250	101	90 - 110	P	08/19/2025	14:54	LB136886

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q2552

Contract: ALLI03

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
CCV03	Sodium	24900	25000	100	90 - 110	P	08/19/2025	14:54	LB136886
	Thallium	5060	5000	101	90 - 110	P	08/19/2025	14:54	LB136886
	Vanadium	2500	2500	100	90 - 110	P	08/19/2025	14:54	LB136886
	Zinc	2540	2500	102	90 - 110	P	08/19/2025	14:54	LB136886
CCV04	Aluminum	9740	10000	97	90 - 110	P	08/19/2025	15:47	LB136886
	Antimony	5020	5000	100	90 - 110	P	08/19/2025	15:47	LB136886
	Arsenic	5000	5000	100	90 - 110	P	08/19/2025	15:47	LB136886
	Barium	9800	10000	98	90 - 110	P	08/19/2025	15:47	LB136886
	Beryllium	239	250	96	90 - 110	P	08/19/2025	15:47	LB136886
	Boron	4780	5000	96	90 - 110	P	08/19/2025	15:47	LB136886
	Cadmium	2440	2500	98	90 - 110	P	08/19/2025	15:47	LB136886
	Calcium	24300	25000	97	90 - 110	P	08/19/2025	15:47	LB136886
	Chromium	990	1000	99	90 - 110	P	08/19/2025	15:47	LB136886
	Cobalt	2440	2500	98	90 - 110	P	08/19/2025	15:47	LB136886
	Copper	1240	1250	99	90 - 110	P	08/19/2025	15:47	LB136886
	Iron	5100	5000	102	90 - 110	P	08/19/2025	15:47	LB136886
	Lead	4860	5000	97	90 - 110	P	08/19/2025	15:47	LB136886
	Magnesium	24200	25000	97	90 - 110	P	08/19/2025	15:47	LB136886
	Manganese	2430	2500	97	90 - 110	P	08/19/2025	15:47	LB136886
	Molybdenum	5000	5000	100	90 - 110	P	08/19/2025	15:47	LB136886
	Nickel	2440	2500	98	90 - 110	P	08/19/2025	15:47	LB136886
	Potassium	24700	25000	99	90 - 110	P	08/19/2025	15:47	LB136886
	Selenium	5030	5000	101	90 - 110	P	08/19/2025	15:47	LB136886
	Silver	1250	1250	100	90 - 110	P	08/19/2025	15:47	LB136886
	Sodium	24400	25000	98	90 - 110	P	08/19/2025	15:47	LB136886
	Thallium	4860	5000	97	90 - 110	P	08/19/2025	15:47	LB136886
	Vanadium	2480	2500	99	90 - 110	P	08/19/2025	15:47	LB136886
	Zinc	2520	2500	101	90 - 110	P	08/19/2025	15:47	LB136886
CCV05	Aluminum	9760	10000	98	90 - 110	P	08/19/2025	16:38	LB136886
	Antimony	5070	5000	101	90 - 110	P	08/19/2025	16:38	LB136886
	Arsenic	5090	5000	102	90 - 110	P	08/19/2025	16:38	LB136886
	Barium	9760	10000	98	90 - 110	P	08/19/2025	16:38	LB136886
	Beryllium	239	250	96	90 - 110	P	08/19/2025	16:38	LB136886
	Boron	4790	5000	96	90 - 110	P	08/19/2025	16:38	LB136886

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q2552

Contract: ALLI03

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	Cadmium	2470	2500	99	90 - 110	P	08/19/2025	16:38	LB136886
	Calcium	24400	25000	98	90 - 110	P	08/19/2025	16:38	LB136886
	Chromium	995	1000	100	90 - 110	P	08/19/2025	16:38	LB136886
	Cobalt	2470	2500	99	90 - 110	P	08/19/2025	16:38	LB136886
	Copper	1250	1250	100	90 - 110	P	08/19/2025	16:38	LB136886
	Iron	5100	5000	102	90 - 110	P	08/19/2025	16:38	LB136886
	Lead	4910	5000	98	90 - 110	P	08/19/2025	16:38	LB136886
	Magnesium	24400	25000	98	90 - 110	P	08/19/2025	16:38	LB136886
	Manganese	2430	2500	97	90 - 110	P	08/19/2025	16:38	LB136886
	Molybdenum	5050	5000	101	90 - 110	P	08/19/2025	16:38	LB136886
	Nickel	2470	2500	99	90 - 110	P	08/19/2025	16:38	LB136886
	Potassium	25000	25000	100	90 - 110	P	08/19/2025	16:38	LB136886
	Selenium	5140	5000	103	90 - 110	P	08/19/2025	16:38	LB136886
	Silver	1260	1250	100	90 - 110	P	08/19/2025	16:38	LB136886
	Sodium	24900	25000	100	90 - 110	P	08/19/2025	16:38	LB136886
	Thallium	5290	5000	106	90 - 110	P	08/19/2025	16:38	LB136886
	Vanadium	2470	2500	99	90 - 110	P	08/19/2025	16:38	LB136886
	Zinc	2540	2500	102	90 - 110	P	08/19/2025	16:38	LB136886
CCV06	Aluminum	9810	10000	98	90 - 110	P	08/19/2025	17:29	LB136886
	Antimony	5120	5000	102	90 - 110	P	08/19/2025	17:29	LB136886
	Arsenic	5070	5000	102	90 - 110	P	08/19/2025	17:29	LB136886
	Barium	9990	10000	100	90 - 110	P	08/19/2025	17:29	LB136886
	Beryllium	235	250	94	90 - 110	P	08/19/2025	17:29	LB136886
	Boron	4720	5000	94	90 - 110	P	08/19/2025	17:29	LB136886
	Cadmium	2460	2500	98	90 - 110	P	08/19/2025	17:29	LB136886
	Calcium	24400	25000	98	90 - 110	P	08/19/2025	17:29	LB136886
	Chromium	994	1000	99	90 - 110	P	08/19/2025	17:29	LB136886
	Cobalt	2470	2500	99	90 - 110	P	08/19/2025	17:29	LB136886
	Copper	1250	1250	100	90 - 110	P	08/19/2025	17:29	LB136886
	Iron	5290	5000	106	90 - 110	P	08/19/2025	17:29	LB136886
	Lead	4880	5000	98	90 - 110	P	08/19/2025	17:29	LB136886
	Magnesium	24300	25000	97	90 - 110	P	08/19/2025	17:29	LB136886
	Manganese	2460	2500	98	90 - 110	P	08/19/2025	17:29	LB136886
	Molybdenum	5080	5000	102	90 - 110	P	08/19/2025	17:29	LB136886

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q2552

Contract: ALLI03

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
CCV06	Nickel	2460	2500	98	90 - 110	P	08/19/2025	17:29	LB136886
	Potassium	25400	25000	102	90 - 110	P	08/19/2025	17:29	LB136886
	Selenium	5150	5000	103	90 - 110	P	08/19/2025	17:29	LB136886
	Silver	1260	1250	101	90 - 110	P	08/19/2025	17:29	LB136886
	Sodium	25300	25000	101	90 - 110	P	08/19/2025	17:29	LB136886
	Thallium	5200	5000	104	90 - 110	P	08/19/2025	17:29	LB136886
	Vanadium	2490	2500	100	90 - 110	P	08/19/2025	17:29	LB136886
	Zinc	2540	2500	102	90 - 110	P	08/19/2025	17:29	LB136886
CCV07	Aluminum	9740	10000	97	90 - 110	P	08/19/2025	18:02	LB136886
	Antimony	5130	5000	103	90 - 110	P	08/19/2025	18:02	LB136886
	Arsenic	5090	5000	102	90 - 110	P	08/19/2025	18:02	LB136886
	Barium	9730	10000	97	90 - 110	P	08/19/2025	18:02	LB136886
	Beryllium	233	250	93	90 - 110	P	08/19/2025	18:02	LB136886
	Boron	4680	5000	94	90 - 110	P	08/19/2025	18:02	LB136886
	Cadmium	2450	2500	98	90 - 110	P	08/19/2025	18:02	LB136886
	Calcium	24200	25000	97	90 - 110	P	08/19/2025	18:02	LB136886
	Chromium	990	1000	99	90 - 110	P	08/19/2025	18:02	LB136886
	Cobalt	2460	2500	98	90 - 110	P	08/19/2025	18:02	LB136886
	Copper	1250	1250	100	90 - 110	P	08/19/2025	18:02	LB136886
	Iron	5200	5000	104	90 - 110	P	08/19/2025	18:02	LB136886
	Lead	4850	5000	97	90 - 110	P	08/19/2025	18:02	LB136886
	Magnesium	23900	25000	96	90 - 110	P	08/19/2025	18:02	LB136886
	Manganese	2430	2500	97	90 - 110	P	08/19/2025	18:02	LB136886
	Molybdenum	5080	5000	102	90 - 110	P	08/19/2025	18:02	LB136886
	Nickel	2450	2500	98	90 - 110	P	08/19/2025	18:02	LB136886
	Potassium	25200	25000	101	90 - 110	P	08/19/2025	18:02	LB136886
	Selenium	5150	5000	103	90 - 110	P	08/19/2025	18:02	LB136886
	Silver	1250	1250	100	90 - 110	P	08/19/2025	18:02	LB136886
	Sodium	24900	25000	100	90 - 110	P	08/19/2025	18:02	LB136886
	Thallium	5290	5000	106	90 - 110	P	08/19/2025	18:02	LB136886
	Vanadium	2470	2500	99	90 - 110	P	08/19/2025	18:02	LB136886
	Zinc	2530	2500	101	90 - 110	P	08/19/2025	18:02	LB136886



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

Metals

- 2b -

CRDL STANDARD FOR AA & ICP

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q2552

Contract: ALLI03

Lab Code: ACE

Initial Calibration Source:

Continuing Calibration Source:

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRA	Mercury	0.045	0.05	89	60 - 140	CV	07/31/2025	13:45	LB136665
CRI01	Aluminum	110	100	110	65 - 135	P	08/19/2025	12:38	LB136886
	Antimony	53.1	50.0	106	65 - 135	P	08/19/2025	12:38	LB136886
	Arsenic	20.5	20.0	103	65 - 135	P	08/19/2025	12:38	LB136886
	Barium	98.1	100	98	65 - 135	P	08/19/2025	12:38	LB136886
	Beryllium	6.06	6.0	101	65 - 135	P	08/19/2025	12:38	LB136886
	Boron	97.2	100	97	65 - 135	P	08/19/2025	12:38	LB136886
	Cadmium	5.77	6.0	96	65 - 135	P	08/19/2025	12:38	LB136886
	Calcium	2050	2000	102	65 - 135	P	08/19/2025	12:38	LB136886
	Chromium	10.1	10.0	101	65 - 135	P	08/19/2025	12:38	LB136886
	Cobalt	29.4	30.0	98	65 - 135	P	08/19/2025	12:38	LB136886
	Copper	21.2	20.0	106	65 - 135	P	08/19/2025	12:38	LB136886
	Iron	103	100	103	65 - 135	P	08/19/2025	12:38	LB136886
	Lead	12.1	12.0	101	65 - 135	P	08/19/2025	12:38	LB136886
	Magnesium	2120	2000	106	65 - 135	P	08/19/2025	12:38	LB136886
	Manganese	21.6	20.0	108	65 - 135	P	08/19/2025	12:38	LB136886
	Molybdenum	206	200	103	65 - 135	P	08/19/2025	12:38	LB136886
	Nickel	39.2	40.0	98	65 - 135	P	08/19/2025	12:38	LB136886
	Potassium	1800	2000	90	65 - 135	P	08/19/2025	12:38	LB136886
	Selenium	19.6	20.0	98	65 - 135	P	08/19/2025	12:38	LB136886
	Silver	9.92	10.0	99	65 - 135	P	08/19/2025	12:38	LB136886
	Sodium	1980	2000	99	65 - 135	P	08/19/2025	12:38	LB136886
	Thallium	43.6	40.0	109	65 - 135	P	08/19/2025	12:38	LB136886
	Vanadium	39.6	40.0	99	65 - 135	P	08/19/2025	12:38	LB136886
	Zinc	42.1	40.0	105	65 - 135	P	08/19/2025	12:38	LB136886



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

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q2552

Contract: ALLI03

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB47	Mercury	0.027	+/-0.2	U	0.20	CV	07/31/2025	13:38	LB136665

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q2552

Contract: ALLI03

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB71	Mercury	0.027	+/-0.2	U	0.20	CV	07/31/2025	13:43	LB136665
CCB72	Mercury	0.027	+/-0.2	U	0.20	CV	07/31/2025	14:27	LB136665
CCB73	Mercury	0.027	+/-0.2	U	0.20	CV	07/31/2025	14:43	LB136665

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q2552

Contract: ALLI03

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Aluminum	12.2	+/-50	J	100	P	08/19/2025	12:27	LB136886
	Antimony	6.76	+/-25	U	50.0	P	08/19/2025	12:27	LB136886
	Arsenic	5.12	+/-10	U	20.0	P	08/19/2025	12:27	LB136886
	Barium	14.6	+/-50	U	100	P	08/19/2025	12:27	LB136886
	Beryllium	0.56	+/-3	U	6.00	P	08/19/2025	12:27	LB136886
	Boron	15.7	+/-50	U	100	P	08/19/2025	12:27	LB136886
	Cadmium	0.50	+/-3	U	6.00	P	08/19/2025	12:27	LB136886
	Calcium	234	+/-1000	U	2000	P	08/19/2025	12:27	LB136886
	Chromium	2.12	+/-5	U	10.0	P	08/19/2025	12:27	LB136886
	Cobalt	2.26	+/-15	U	30.0	P	08/19/2025	12:27	LB136886
	Copper	4.60	+/-10	U	20.0	P	08/19/2025	12:27	LB136886
	Iron	23.4	+/-50	U	100	P	08/19/2025	12:27	LB136886
	Lead	2.30	+/-6	U	12.0	P	08/19/2025	12:27	LB136886
	Magnesium	244	+/-1000	U	2000	P	08/19/2025	12:27	LB136886
	Manganese	5.94	+/-10	U	20.0	P	08/19/2025	12:27	LB136886
	Molybdenum	18.7	+/-100	U	200	P	08/19/2025	12:27	LB136886
	Nickel	3.06	+/-20	U	40.0	P	08/19/2025	12:27	LB136886
	Potassium	918	+/-1000	U	2000	P	08/19/2025	12:27	LB136886
	Selenium	9.64	+/-10	U	20.0	P	08/19/2025	12:27	LB136886
	Silver	1.62	+/-5	U	10.0	P	08/19/2025	12:27	LB136886
	Sodium	868	+/-1000	U	2000	P	08/19/2025	12:27	LB136886
	Thallium	4.38	+/-20	U	40.0	P	08/19/2025	12:27	LB136886
	Vanadium	6.26	+/-20	U	40.0	P	08/19/2025	12:27	LB136886
	Zinc	16.7	+/-20	U	40.0	P	08/19/2025	12:27	LB136886

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q2552

Contract: ALLI03

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	11.3	+/-50	U	100	P	08/19/2025	13:03	LB136886
	Antimony	6.76	+/-25	U	50.0	P	08/19/2025	13:03	LB136886
	Arsenic	5.12	+/-10	U	20.0	P	08/19/2025	13:03	LB136886
	Barium	14.6	+/-50	U	100	P	08/19/2025	13:03	LB136886
	Beryllium	0.56	+/-3	U	6.00	P	08/19/2025	13:03	LB136886
	Boron	15.7	+/-50	U	100	P	08/19/2025	13:03	LB136886
	Cadmium	0.50	+/-3	U	6.00	P	08/19/2025	13:03	LB136886
	Calcium	234	+/-1000	U	2000	P	08/19/2025	13:03	LB136886
	Chromium	2.12	+/-5	U	10.0	P	08/19/2025	13:03	LB136886
	Cobalt	2.26	+/-15	U	30.0	P	08/19/2025	13:03	LB136886
	Copper	4.60	+/-10	U	20.0	P	08/19/2025	13:03	LB136886
	Iron	23.4	+/-50	U	100	P	08/19/2025	13:03	LB136886
	Lead	2.30	+/-6	U	12.0	P	08/19/2025	13:03	LB136886
	Magnesium	244	+/-1000	U	2000	P	08/19/2025	13:03	LB136886
	Manganese	5.94	+/-10	U	20.0	P	08/19/2025	13:03	LB136886
	Molybdenum	18.7	+/-100	U	200	P	08/19/2025	13:03	LB136886
	Nickel	3.06	+/-20	U	40.0	P	08/19/2025	13:03	LB136886
	Potassium	918	+/-1000	U	2000	P	08/19/2025	13:03	LB136886
	Selenium	9.64	+/-10	U	20.0	P	08/19/2025	13:03	LB136886
	Silver	1.62	+/-5	U	10.0	P	08/19/2025	13:03	LB136886
	Sodium	868	+/-1000	U	2000	P	08/19/2025	13:03	LB136886
	Thallium	4.38	+/-20	U	40.0	P	08/19/2025	13:03	LB136886
	Vanadium	6.26	+/-20	U	40.0	P	08/19/2025	13:03	LB136886
	Zinc	16.7	+/-20	U	40.0	P	08/19/2025	13:03	LB136886
CCB02	Aluminum	11.3	+/-50	U	100	P	08/19/2025	14:09	LB136886
	Antimony	6.76	+/-25	U	50.0	P	08/19/2025	14:09	LB136886
	Arsenic	5.12	+/-10	U	20.0	P	08/19/2025	14:09	LB136886
	Barium	14.6	+/-50	U	100	P	08/19/2025	14:09	LB136886
	Beryllium	0.56	+/-3	U	6.00	P	08/19/2025	14:09	LB136886
	Boron	15.7	+/-50	U	100	P	08/19/2025	14:09	LB136886
	Cadmium	0.50	+/-3	U	6.00	P	08/19/2025	14:09	LB136886
	Calcium	234	+/-1000	U	2000	P	08/19/2025	14:09	LB136886
	Chromium	2.12	+/-5	U	10.0	P	08/19/2025	14:09	LB136886
	Cobalt	2.26	+/-15	U	30.0	P	08/19/2025	14:09	LB136886
	Copper	4.60	+/-10	U	20.0	P	08/19/2025	14:09	LB136886
	Iron	23.4	+/-50	U	100	P	08/19/2025	14:09	LB136886
	Lead	2.30	+/-6	U	12.0	P	08/19/2025	14:09	LB136886
	Magnesium	244	+/-1000	U	2000	P	08/19/2025	14:09	LB136886
	Manganese	5.94	+/-10	U	20.0	P	08/19/2025	14:09	LB136886



- 3a -

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q2552

Contract: ALLI03

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number	
CCB02	Molybdenum	18.7	+/-100	U	200	P	08/19/2025	14:09	LB136886	
	Nickel	3.06	+/-20	U	40.0	P	08/19/2025	14:09	LB136886	
	Potassium	918	+/-1000	U	2000	P	08/19/2025	14:09	LB136886	
	Selenium	9.64	+/-10	U	20.0	P	08/19/2025	14:09	LB136886	
	Silver	1.62	+/-5	U	10.0	P	08/19/2025	14:09	LB136886	
	Sodium	868	+/-1000	U	2000	P	08/19/2025	14:09	LB136886	
	Thallium	4.38	+/-20	U	40.0	P	08/19/2025	14:09	LB136886	
	Vanadium	6.26	+/-20	U	40.0	P	08/19/2025	14:09	LB136886	
	Zinc	16.7	+/-20	U	40.0	P	08/19/2025	14:09	LB136886	
CCB03	Aluminum	11.6	+/-50	J	100	P	08/19/2025	14:58	LB136886	
	Antimony	6.76	+/-25	U	50.0	P	08/19/2025	14:58	LB136886	
	Arsenic	5.12	+/-10	U	20.0	P	08/19/2025	14:58	LB136886	
	Barium	14.6	+/-50	U	100	P	08/19/2025	14:58	LB136886	
	Beryllium	0.56	+/-3	U	6.00	P	08/19/2025	14:58	LB136886	
	Boron	15.7	+/-50	U	100	P	08/19/2025	14:58	LB136886	
	Cadmium	0.50	+/-3	U	6.00	P	08/19/2025	14:58	LB136886	
	Calcium	234	+/-1000	U	2000	P	08/19/2025	14:58	LB136886	
	Chromium	2.12	+/-5	U	10.0	P	08/19/2025	14:58	LB136886	
	Cobalt	2.26	+/-15	U	30.0	P	08/19/2025	14:58	LB136886	
	Copper	4.60	+/-10	U	20.0	P	08/19/2025	14:58	LB136886	
	Iron	23.4	+/-50	U	100	P	08/19/2025	14:58	LB136886	
	Lead	2.30	+/-6	U	12.0	P	08/19/2025	14:58	LB136886	
	Magnesium	244	+/-1000	U	2000	P	08/19/2025	14:58	LB136886	
	Manganese	5.94	+/-10	U	20.0	P	08/19/2025	14:58	LB136886	
	Molybdenum	18.7	+/-100	U	200	P	08/19/2025	14:58	LB136886	
	Nickel	3.06	+/-20	U	40.0	P	08/19/2025	14:58	LB136886	
	Potassium	918	+/-1000	U	2000	P	08/19/2025	14:58	LB136886	
	Selenium	9.64	+/-10	U	20.0	P	08/19/2025	14:58	LB136886	
	Silver	1.62	+/-5	U	10.0	P	08/19/2025	14:58	LB136886	
	Sodium	868	+/-1000	U	2000	P	08/19/2025	14:58	LB136886	
	Thallium	4.38	+/-20	U	40.0	P	08/19/2025	14:58	LB136886	
	Vanadium	6.26	+/-20	U	40.0	P	08/19/2025	14:58	LB136886	
	Zinc	16.7	+/-20	U	40.0	P	08/19/2025	14:58	LB136886	
	CCB04	Aluminum	15.0	+/-50	J	100	P	08/19/2025	15:52	LB136886
		Antimony	6.76	+/-25	U	50.0	P	08/19/2025	15:52	LB136886
		Arsenic	5.12	+/-10	U	20.0	P	08/19/2025	15:52	LB136886
		Barium	14.6	+/-50	U	100	P	08/19/2025	15:52	LB136886
		Beryllium	0.56	+/-3	U	6.00	P	08/19/2025	15:52	LB136886
		Boron	15.7	+/-50	U	100	P	08/19/2025	15:52	LB136886

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q2552

Contract: ALLI03

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB04	Cadmium	0.50	+/-3	U	6.00	P	08/19/2025	15:52	LB136886
	Calcium	234	+/-1000	U	2000	P	08/19/2025	15:52	LB136886
	Chromium	2.12	+/-5	U	10.0	P	08/19/2025	15:52	LB136886
	Cobalt	2.26	+/-15	U	30.0	P	08/19/2025	15:52	LB136886
	Copper	4.60	+/-10	U	20.0	P	08/19/2025	15:52	LB136886
	Iron	23.4	+/-50	U	100	P	08/19/2025	15:52	LB136886
	Lead	2.30	+/-6	U	12.0	P	08/19/2025	15:52	LB136886
	Magnesium	244	+/-1000	U	2000	P	08/19/2025	15:52	LB136886
	Manganese	5.94	+/-10	U	20.0	P	08/19/2025	15:52	LB136886
	Molybdenum	18.7	+/-100	U	200	P	08/19/2025	15:52	LB136886
	Nickel	3.06	+/-20	U	40.0	P	08/19/2025	15:52	LB136886
	Potassium	918	+/-1000	U	2000	P	08/19/2025	15:52	LB136886
	Selenium	9.64	+/-10	U	20.0	P	08/19/2025	15:52	LB136886
	Silver	1.62	+/-5	U	10.0	P	08/19/2025	15:52	LB136886
	Sodium	868	+/-1000	U	2000	P	08/19/2025	15:52	LB136886
	Thallium	4.38	+/-20	U	40.0	P	08/19/2025	15:52	LB136886
	Vanadium	6.26	+/-20	U	40.0	P	08/19/2025	15:52	LB136886
	Zinc	16.7	+/-20	U	40.0	P	08/19/2025	15:52	LB136886
CCB05	Aluminum	11.3	+/-50	U	100	P	08/19/2025	16:43	LB136886
	Antimony	6.76	+/-25	U	50.0	P	08/19/2025	16:43	LB136886
	Arsenic	5.12	+/-10	U	20.0	P	08/19/2025	16:43	LB136886
	Barium	14.6	+/-50	U	100	P	08/19/2025	16:43	LB136886
	Beryllium	0.56	+/-3	U	6.00	P	08/19/2025	16:43	LB136886
	Boron	15.7	+/-50	U	100	P	08/19/2025	16:43	LB136886
	Cadmium	0.50	+/-3	U	6.00	P	08/19/2025	16:43	LB136886
	Calcium	234	+/-1000	U	2000	P	08/19/2025	16:43	LB136886
	Chromium	2.12	+/-5	U	10.0	P	08/19/2025	16:43	LB136886
	Cobalt	2.26	+/-15	U	30.0	P	08/19/2025	16:43	LB136886
	Copper	4.60	+/-10	U	20.0	P	08/19/2025	16:43	LB136886
	Iron	23.4	+/-50	U	100	P	08/19/2025	16:43	LB136886
	Lead	2.30	+/-6	U	12.0	P	08/19/2025	16:43	LB136886
	Magnesium	244	+/-1000	U	2000	P	08/19/2025	16:43	LB136886
	Manganese	5.94	+/-10	U	20.0	P	08/19/2025	16:43	LB136886
	Molybdenum	18.7	+/-100	U	200	P	08/19/2025	16:43	LB136886
	Nickel	3.06	+/-20	U	40.0	P	08/19/2025	16:43	LB136886
	Potassium	918	+/-1000	U	2000	P	08/19/2025	16:43	LB136886
	Selenium	9.64	+/-10	U	20.0	P	08/19/2025	16:43	LB136886
	Silver	1.62	+/-5	U	10.0	P	08/19/2025	16:43	LB136886
	Sodium	868	+/-1000	U	2000	P	08/19/2025	16:43	LB136886

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q2552

Contract: ALLI03

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB05	Thallium	4.38	+/-20	U	40.0	P	08/19/2025	16:43	LB136886
	Vanadium	6.26	+/-20	U	40.0	P	08/19/2025	16:43	LB136886
	Zinc	16.7	+/-20	U	40.0	P	08/19/2025	16:43	LB136886
CCB06	Aluminum	16.7	+/-50	J	100	P	08/19/2025	17:33	LB136886
	Antimony	6.76	+/-25	U	50.0	P	08/19/2025	17:33	LB136886
	Arsenic	5.12	+/-10	U	20.0	P	08/19/2025	17:33	LB136886
	Barium	14.6	+/-50	U	100	P	08/19/2025	17:33	LB136886
	Beryllium	0.56	+/-3	U	6.00	P	08/19/2025	17:33	LB136886
	Boron	15.7	+/-50	U	100	P	08/19/2025	17:33	LB136886
	Cadmium	0.50	+/-3	U	6.00	P	08/19/2025	17:33	LB136886
	Calcium	234	+/-1000	U	2000	P	08/19/2025	17:33	LB136886
	Chromium	2.12	+/-5	U	10.0	P	08/19/2025	17:33	LB136886
	Cobalt	2.26	+/-15	U	30.0	P	08/19/2025	17:33	LB136886
	Copper	4.60	+/-10	U	20.0	P	08/19/2025	17:33	LB136886
	Iron	23.4	+/-50	U	100	P	08/19/2025	17:33	LB136886
	Lead	2.30	+/-6	U	12.0	P	08/19/2025	17:33	LB136886
	Magnesium	244	+/-1000	U	2000	P	08/19/2025	17:33	LB136886
	Manganese	5.94	+/-10	U	20.0	P	08/19/2025	17:33	LB136886
	Molybdenum	18.7	+/-100	U	200	P	08/19/2025	17:33	LB136886
	Nickel	3.06	+/-20	U	40.0	P	08/19/2025	17:33	LB136886
	Potassium	918	+/-1000	U	2000	P	08/19/2025	17:33	LB136886
	Selenium	9.64	+/-10	U	20.0	P	08/19/2025	17:33	LB136886
	Silver	1.62	+/-5	U	10.0	P	08/19/2025	17:33	LB136886
	Sodium	868	+/-1000	U	2000	P	08/19/2025	17:33	LB136886
	Thallium	4.38	+/-20	U	40.0	P	08/19/2025	17:33	LB136886
	Vanadium	6.26	+/-20	U	40.0	P	08/19/2025	17:33	LB136886
	Zinc	16.7	+/-20	U	40.0	P	08/19/2025	17:33	LB136886
CCB07	Aluminum	11.3	+/-50	U	100	P	08/19/2025	18:07	LB136886
	Antimony	6.76	+/-25	U	50.0	P	08/19/2025	18:07	LB136886
	Arsenic	5.12	+/-10	U	20.0	P	08/19/2025	18:07	LB136886
	Barium	14.6	+/-50	U	100	P	08/19/2025	18:07	LB136886
	Beryllium	0.56	+/-3	U	6.00	P	08/19/2025	18:07	LB136886
	Boron	15.7	+/-50	U	100	P	08/19/2025	18:07	LB136886
	Cadmium	0.50	+/-3	U	6.00	P	08/19/2025	18:07	LB136886
	Calcium	234	+/-1000	U	2000	P	08/19/2025	18:07	LB136886
	Chromium	2.12	+/-5	U	10.0	P	08/19/2025	18:07	LB136886
	Cobalt	2.26	+/-15	U	30.0	P	08/19/2025	18:07	LB136886
	Copper	4.60	+/-10	U	20.0	P	08/19/2025	18:07	LB136886
	Iron	23.4	+/-50	U	100	P	08/19/2025	18:07	LB136886

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q2552

Contract: ALLI03

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB07	Lead	2.30	+/-6	U	12.0	P	08/19/2025	18:07	LB136886
	Magnesium	244	+/-1000	U	2000	P	08/19/2025	18:07	LB136886
	Manganese	5.94	+/-10	U	20.0	P	08/19/2025	18:07	LB136886
	Molybdenum	18.7	+/-100	U	200	P	08/19/2025	18:07	LB136886
	Nickel	3.06	+/-20	U	40.0	P	08/19/2025	18:07	LB136886
	Potassium	918	+/-1000	U	2000	P	08/19/2025	18:07	LB136886
	Selenium	9.64	+/-10	U	20.0	P	08/19/2025	18:07	LB136886
	Silver	1.62	+/-5	U	10.0	P	08/19/2025	18:07	LB136886
	Sodium	868	+/-1000	U	2000	P	08/19/2025	18:07	LB136886
	Thallium	4.38	+/-20	U	40.0	P	08/19/2025	18:07	LB136886
	Vanadium	6.26	+/-20	U	40.0	P	08/19/2025	18:07	LB136886
	Zinc	16.7	+/-20	U	40.0	P	08/19/2025	18:07	LB136886

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q2552

Instrument: CV1

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB169068BL		WATER		Batch Number:	PB169068		Prep Date:	07/31/2025	
	Mercury	0.027	<0.2	U	0.20	CV	07/31/2025	13:55	LB136665

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q2552

Instrument: P4

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB169295BL	WATER			Batch Number:	PB169295		Prep Date:	08/18/2025	
	Aluminum	30.8	<50	U	100	P	08/19/2025	13:30	LB136886
	Antimony	5.44	<25	U	50.0	P	08/19/2025	13:30	LB136886
	Arsenic	3.70	<10	U	20.0	P	08/19/2025	13:30	LB136886
	Barium	19.5	<50	U	100	P	08/19/2025	13:30	LB136886
	Beryllium	0.54	<3	U	6.00	P	08/19/2025	13:30	LB136886
	Boron	13.8	<50	U	100	P	08/19/2025	13:30	LB136886
	Cadmium	0.62	<3	U	6.00	P	08/19/2025	13:30	LB136886
	Calcium	173	<1000	U	2000	P	08/19/2025	13:30	LB136886
	Chromium	1.06	<5	U	10.0	P	08/19/2025	13:30	LB136886
	Cobalt	2.32	<15	U	30.0	P	08/19/2025	13:30	LB136886
	Copper	3.78	<10	U	20.0	P	08/19/2025	13:30	LB136886
	Iron	36.0	<50	U	100	P	08/19/2025	13:30	LB136886
	Lead	2.42	<6	U	12.0	P	08/19/2025	13:30	LB136886
	Magnesium	208	<1000	U	2000	P	08/19/2025	13:30	LB136886
	Manganese	4.92	<10	U	20.0	P	08/19/2025	13:30	LB136886
	Molybdenum	17.6	<100	U	200	P	08/19/2025	13:30	LB136886
	Nickel	3.80	<20	U	40.0	P	08/19/2025	13:30	LB136886
	Potassium	618	<1000	U	2000	P	08/19/2025	13:30	LB136886
	Selenium	5.04	<10	U	20.0	P	08/19/2025	13:30	LB136886
	Silver	1.62	<5	U	10.0	P	08/19/2025	13:30	LB136886
	Sodium	734	<1000	U	2000	P	08/19/2025	13:30	LB136886
	Thallium	5.02	<20	U	40.0	P	08/19/2025	13:30	LB136886
	Vanadium	4.98	<20	U	40.0	P	08/19/2025	13:30	LB136886
	Zinc	4.00	<20	U	40.0	P	08/19/2025	13:30	LB136886

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q2552

Contract: ALLI03

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	Aluminum	246000	255000	96	216000	294000	08/19/2025	12:42	LB136886
	Antimony	-0.20			-50	50	08/19/2025	12:42	LB136886
	Arsenic	12.1			-20	20	08/19/2025	12:42	LB136886
	Barium	-1.21	6.0	20	-94	106	08/19/2025	12:42	LB136886
	Beryllium	2.93			-6	6	08/19/2025	12:42	LB136886
	Boron	41.2	1000	4	-100	100	08/19/2025	12:42	LB136886
	Cadmium	2.13	1.0	213	-5	7	08/19/2025	12:42	LB136886
	Calcium	234000	245000	96	208000	282000	08/19/2025	12:42	LB136886
	Chromium	59.6	52.0	115	42	62	08/19/2025	12:42	LB136886
	Cobalt	1.71			-30	30	08/19/2025	12:42	LB136886
	Copper	-2.88	2.0	144	-18	22	08/19/2025	12:42	LB136886
	Iron	103000	101000	102	85600	116500	08/19/2025	12:42	LB136886
	Lead	-6.18			-12	12	08/19/2025	12:42	LB136886
	Magnesium	246000	255000	96	216000	294000	08/19/2025	12:42	LB136886
	Manganese	-1.33	7.0	19	-13	27	08/19/2025	12:42	LB136886
	Molybdenum	1.27	1000		-200	200	08/19/2025	12:42	LB136886
	Nickel	5.95	2.0	298	-38	42	08/19/2025	12:42	LB136886
	Potassium	1.64			0	0	08/19/2025	12:42	LB136886
	Selenium	3.05			-20	20	08/19/2025	12:42	LB136886
	Silver	2.72			-10	10	08/19/2025	12:42	LB136886
	Sodium	29.5			0	0	08/19/2025	12:42	LB136886
	Thallium	2.08			-40	40	08/19/2025	12:42	LB136886
	Vanadium	3.51			-40	40	08/19/2025	12:42	LB136886
	Zinc	1.80			-40	40	08/19/2025	12:42	LB136886
ICSAB01	Aluminum	241000	247000	98	209000	285000	08/19/2025	12:46	LB136886
	Antimony	590	618	96	525	711	08/19/2025	12:46	LB136886
	Arsenic	110	104	106	88.4	120	08/19/2025	12:46	LB136886
	Barium	478	537	89	437	637	08/19/2025	12:46	LB136886
	Beryllium	462	495	93	420	570	08/19/2025	12:46	LB136886
	Boron	907	1000	91	850	1150	08/19/2025	12:46	LB136886
	Cadmium	951	972	98	826	1120	08/19/2025	12:46	LB136886
	Calcium	228000	235000	97	199000	271000	08/19/2025	12:46	LB136886
	Chromium	541	542	100	460	624	08/19/2025	12:46	LB136886
	Cobalt	479	476	101	404	548	08/19/2025	12:46	LB136886
	Copper	463	511	91	434	588	08/19/2025	12:46	LB136886
	Iron	101000	99300	102	84400	114500	08/19/2025	12:46	LB136886
	Lead	41.0	49.0	84	37	61	08/19/2025	12:46	LB136886
	Magnesium	240000	248000	97	210000	286000	08/19/2025	12:46	LB136886
	Manganese	465	507	92	430	584	08/19/2025	12:46	LB136886
	Molybdenum	960	1000	96	850	1150	08/19/2025	12:46	LB136886
	Nickel	954	954	100	810	1100	08/19/2025	12:46	LB136886
	Potassium	-314			0	0	08/19/2025	12:46	LB136886

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q2552

Contract: ALLI03

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
ICSAB01	Selenium	49.3	46.0	107	26	66	08/19/2025	12:46	LB136886
	Silver	212	201	106	170	232	08/19/2025	12:46	LB136886
	Sodium	-49.4			0	0	08/19/2025	12:46	LB136886
	Thallium	96.0	108	89	68	148	08/19/2025	12:46	LB136886
	Vanadium	462	491	94	417	565	08/19/2025	12:46	LB136886
	Zinc	1020	952	107	809	1095	08/19/2025	12:46	LB136886
ICSA	Aluminum	243000	255000	95	216000	294000	08/19/2025	12:51	LB136886
	Antimony	22.5			-50	50	08/19/2025	12:51	LB136886
	Arsenic	-3.20			-20	20	08/19/2025	12:51	LB136886
	Barium	-85.9	6.0	1432	-94	106	08/19/2025	12:51	LB136886
	Beryllium	12.0			-6	6	08/19/2025	12:51	LB136886
	Boron	-9.44	1000	1	-100	100	08/19/2025	12:51	LB136886
	Cadmium	15.2	1.0	1520	-5	7	08/19/2025	12:51	LB136886
	Calcium	241000	245000	98	208000	282000	08/19/2025	12:51	LB136886
	Chromium	61.5	52.0	118	42	62	08/19/2025	12:51	LB136886
	Cobalt	10.0			-30	30	08/19/2025	12:51	LB136886
	Copper	3.91	2.0	196	-18	22	08/19/2025	12:51	LB136886
	Iron	97900	101000	97	85600	116500	08/19/2025	12:51	LB136886
	Lead	10.6			-12	12	08/19/2025	12:51	LB136886
	Magnesium	247000	255000	97	216000	294000	08/19/2025	12:51	LB136886
	Manganese	3.30	7.0	47	-13	27	08/19/2025	12:51	LB136886
	Molybdenum	9.26	1000	1	-200	200	08/19/2025	12:51	LB136886
	Nickel	20.4	2.0	1020	-38	42	08/19/2025	12:51	LB136886
	Potassium	-8380			0	0	08/19/2025	12:51	LB136886
	Selenium	-44.8			-20	20	08/19/2025	12:51	LB136886
	Silver	-6.78			-10	10	08/19/2025	12:51	LB136886
	Sodium	-2530			0	0	08/19/2025	12:51	LB136886
	Thallium	-4.24			-40	40	08/19/2025	12:51	LB136886
	Vanadium	-0.14			-40	40	08/19/2025	12:51	LB136886
	Zinc	13.0			-40	40	08/19/2025	12:51	LB136886
ICSAB	Aluminum	253000	247000	102	209000	285000	08/19/2025	12:55	LB136886
	Antimony	610	618	99	525	711	08/19/2025	12:55	LB136886
	Arsenic	92.1	104	89	88.4	120	08/19/2025	12:55	LB136886
	Barium	452	537	84	437	637	08/19/2025	12:55	LB136886
	Beryllium	515	495	104	420	570	08/19/2025	12:55	LB136886
	Boron	962	1000	96	850	1150	08/19/2025	12:55	LB136886
	Cadmium	974	972	100	826	1120	08/19/2025	12:55	LB136886
	Calcium	251000	235000	107	199000	271000	08/19/2025	12:55	LB136886
	Chromium	574	542	106	460	624	08/19/2025	12:55	LB136886
	Cobalt	496	476	104	404	548	08/19/2025	12:55	LB136886
	Copper	524	511	102	434	588	08/19/2025	12:55	LB136886
	Iron	102000	99300	103	84400	114500	08/19/2025	12:55	LB136886

Metals

- 4 -

INTERFERENCE CHECK SAMPLE

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q2552

Contract: ALLI03

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
ICSAB	Lead	33.1	49.0	68	37	61	08/19/2025	12:55	LB136886
	Magnesium	259000	248000	104	210000	286000	08/19/2025	12:55	LB136886
	Manganese	503	507	99	430	584	08/19/2025	12:55	LB136886
	Molybdenum	1030	1000	103	850	1150	08/19/2025	12:55	LB136886
	Nickel	990	954	104	810	1100	08/19/2025	12:55	LB136886
	Potassium	-7990			0	0	08/19/2025	12:55	LB136886
	Selenium	6.29	46.0	14	26	66	08/19/2025	12:55	LB136886
	Silver	205	201	102	170	232	08/19/2025	12:55	LB136886
	Sodium	-2560			0	0	08/19/2025	12:55	LB136886
	Thallium	121	108	112	68	148	08/19/2025	12:55	LB136886
	Vanadium	573	491	117	417	565	08/19/2025	12:55	LB136886
	Zinc	1050	952	110	809	1095	08/19/2025	12:55	LB136886



METAL QC DATA

metals
- 5a -
MATRIX SPIKE SUMMARY

client: Alliance Technical Group, LLC - Newark **level:** low **sdg no.:** Q2552
contract: ALLI03 **lab code:** ACE
matrix: Water **sample id:** Q2725-02 **client id:** CompMS
Percent Solids for Sample: NA **Spiked ID:** Q2725-02MS **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	ug/L	75 - 125	2.67		0.26		4.0	60	N	CV

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: Alliance Technical Group, LLC - Newark **level:** low **sdg no.:** Q2552
contract: ALLI03 **lab code:** ACE
matrix: Water **sample id:** Q2725-02 **client id:** CompMSD
Percent Solids for Sample: NA **Spiked ID:** Q2725-02MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	ug/L	75 - 125	2.32		0.26		4.0	52	N	CV



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

Metals
- 5b -
POST DIGEST SPIKE SUMMARY

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q2552

Contract: ALLI03

Lab Code: ACE

Matrix: Water

Level: LOW

Client ID: CompA

Sample ID: Q2725-02

Spiked ID: Q2725-02A

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	ug/L	75 - 125	3.76		0.26		4.00	88		CV

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: Alliance Technical Group, LLC - Newark **Level:** LOW **SDG No.:** Q2552
Contract: ALLI03 **Lab Code:** ACE
Matrix: Water **Sample ID:** Q2725-02 **Client ID:** CompDUP
Percent Solids for Sample: NA **Duplicate ID** Q2725-02DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	ug/L	20	0.26		0.28		7		CV

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: Alliance Technical Group, LLC - Newark **Level:** LOW **SDG No.:** Q2552
Contract: ALLI03 **Lab Code:** ACE
Matrix: Water **Sample ID:** Q2725-02MS **Client ID:** CompMSD
Percent Solids for Sample: NA **Duplicate ID** Q2725-02MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	ug/L	20	2.67		2.32		14		CV

Metals

- 7 -

LABORATORY CONTROL SAMPLE SUMMARY

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q2552

Contract: ALLI03

Lab Code: ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB169068BS Mercury	ug/L	4.0	4.00		100	85 - 115	CV

Metals

- 7 -

LABORATORY CONTROL SAMPLE SUMMARY

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q2552

Contract: ALLI03

Lab Code: ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB169295BS							
Aluminum	ug/L	2000	1950		98	85 - 115	P
Antimony	ug/L	800	804		100	85 - 115	P
Arsenic	ug/L	800	761		95	85 - 115	P
Barium	ug/L	200	191		96	85 - 115	P
Beryllium	ug/L	200	194		97	85 - 115	P
Boron	ug/L	300	283		94	85 - 115	P
Cadmium	ug/L	200	184		92	85 - 115	P
Calcium	ug/L	1000	1000	J	100	85 - 115	P
Chromium	ug/L	400	393		98	85 - 115	P
Cobalt	ug/L	200	189		94	85 - 115	P
Copper	ug/L	300	301		100	85 - 115	P
Iron	ug/L	3000	2970		99	85 - 115	P
Lead	ug/L	1000	927		93	85 - 115	P
Magnesium	ug/L	2000	1960	J	98	85 - 115	P
Manganese	ug/L	200	199		100	85 - 115	P
Molybdenum	ug/L	400	402		100	85 - 115	P
Nickel	ug/L	500	475		95	85 - 115	P
Potassium	ug/L	10000	9460		95	85 - 115	P
Selenium	ug/L	2000	1940		97	85 - 115	P
Silver	ug/L	75.0	73.2		98	85 - 115	P
Sodium	ug/L	3000	3180		106	85 - 115	P
Thallium	ug/L	2000	1930		96	85 - 115	P
Vanadium	ug/L	300	293		98	85 - 115	P
Zinc	ug/L	200	202		101	85 - 115	P

Metals
-9 -
ICP SERIAL DILUTIONS

SAMPLE NO.

CompL

Lab Name: Alliance

Contract: ALLI03

Lab Code: ACE

Lb No.: lb136665

Lab Sample ID : Q2725-02L

SDG No.: Q2552

Matrix (soil/water): Water

Level (low/med): LOW

Concentration Units: ug/L

Analyte	Initial Sample Result (I) C	Serial Dilution Result (S) C	% Differ- ence	Q	M
Mercury	0.26	1.00 U	100.0		CV



METAL PREPARATION & INSTRUMENT DATA

Metals

- 11 -

ICP INTERELEMENT CORRECTION FACTORS

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q2552

Contract: ALLI03

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
Aluminum	396.100	0.0000000	-0.0002060	0.0000000	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
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
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000930	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	-0.0075970	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0007850	0.0000000	0.0000000
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	-0.0000920	0.0000000	0.0000380	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	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
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0001050	0.0000000	0.0000000

Metals

- 11 -

ICP INTERELEMENT CORRECTION FACTORS

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q2552

Contract: ALLI03

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
Aluminum	396.100	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
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
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0002870
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0000000	0.0009530
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	-0.0039600
Lead	220.353	0.0000000	0.0003170	0.0000000	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	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
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0054900
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Metals

- 11 -

ICP INTERELEMENT CORRECTION FACTORS

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q2552

Contract: ALLI03

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
Aluminum	396.100	0.0000000	0.0000000	0.0000590	0.0000000	0.0396900
Antimony	206.833	0.0122000	0.0000000	0.0000000	0.0000000	0.0000000
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
Beryllium	234.861	0.0000000	0.0000000	0.0000000	-0.0000710	-0.0003400
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000070	0.0002200	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	-0.0007860
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0006510	0.0020500
Iron	240.488	0.0000000	0.0000000	0.0000730	0.0000000	-0.0015250
Lead	220.353	0.0000000	0.0000000	0.0000000	0.0001400	-0.0008600
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
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
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0017400	-0.0100400
Vanadium	292.402	-0.0025100	0.0000000	0.0000000	0.0000000	-0.0072000
Zinc	213.800	0.0000000	0.0009010	0.0000000	0.0000000	0.0000000

Metals

- 11 -

ICP INTERELEMEN CORRECTION FACTORS

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q2552

Contract: ALLI03

Lab Code: ACE

Instrument ID:

Date:

Interement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interement Correction Factors For:				
		Na	Ni	Pb	Sb	Se
Aluminum	396.100	0.0000000	0.0000000	0.0012800	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
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
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	-0.0047000	0.0036100	0.0000000	0.0000000
Iron	240.488	0.0000000	-0.0017000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0006580	0.0000000	0.0000000	0.0001290
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
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
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0067600	0.0000000	0.0000000	0.0000000

Metals

- 11 -

ICP INTERELEMENT CORRECTION FACTORS

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q2552

Contract: ALLI03

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
Aluminum	396.100	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.833	-0.0035600	-0.0007970	0.0000000	-0.0018900	0.0000000
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
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000630	0.0001280	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0001110	0.0000000
Cobalt	228.616	0.0000000	0.0018800	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0003840	0.0000000	0.0000000	0.0000000
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	-0.0003610	0.0000000	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	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
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	-0.0039700	0.0000000	-0.0115600	0.0000000
Vanadium	292.402	0.0000000	0.0005320	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

METAL PREPARATION & ANALYICAL SUMMARY

Metals

- 13 -

SAMPLE PREPARATION SUMMARY

Client: Alliance Technical Group, LLC - Newark **SDG No.:** Q2552
Contract: ALLI03 **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: PB169068							
PB169068BL	PB169068BL	MB	WATER	07/31/2025	30.0	30.0	
PB169068BS	PB169068BS	LCS	WATER	07/31/2025	30.0	30.0	
Q2552-05	WS0725-PT-HG-WS	SAM	WATER	07/31/2025	30.0	30.0	
Q2725-02DUP	CompDUP	DUP	WATER	07/31/2025	30.0	30.0	
Q2725-02MS	CompMS	MS	WATER	07/31/2025	30.0	30.0	
Q2725-02MSD	CompMSD	MSD	WATER	07/31/2025	30.0	30.0	

Metals

- 13 -

SAMPLE PREPARATION SUMMARY

Client: Alliance Technical Group, LLC - Newark **SDG No.:** Q2552
Contract: ALLI03 **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: PB169295							
PB169295BL	PB169295BL	MB	WATER	08/18/2025	50.0	50.0	
PB169295BS	PB169295BS	LCS	WATER	08/18/2025	50.0	50.0	
Q2552-03	WS0725-PT-MIN-WS	SAM	WATER	08/18/2025	50.0	50.0	
Q2552-04	WS0725-PT-TM-WS	SAM	WATER	08/18/2025	50.0	50.0	
Q2552-06	WS0725-PT-SIO2-WS	SAM	WATER	08/18/2025	50.0	50.0	

metals
- 14 -
ANALYSIS RUN LOG

Client: Alliance Technical Group, LLC - Newark

Contract: ALLI03

Lab code: ACE

Sdg no.: Q2552

Instrument id number: **Method:**

Run number: LB136665

Start date: 07/31/2025 **End date:** 07/31/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1315	HG
S0.05	S0.05	1	1320	HG
S0.2	S0.2	1	1323	HG
S2.5	S2.5	1	1325	HG
S5	S5	1	1327	HG
S7.5	S7.5	1	1329	HG
S10	S10	1	1332	HG
ICV47	ICV47	1	1336	HG
ICB47	ICB47	1	1338	HG
CCV71	CCV71	1	1341	HG
CCB71	CCB71	1	1343	HG
CRA	CRA	1	1345	HG
PB169068BL	PB169068BL	1	1355	HG
PB169068BS	PB169068BS	1	1401	HG
Q2725-02DUP	CompDUP	1	1415	HG
Q2725-02MS	CompMS	1	1417	HG
Q2725-02MSD	CompMSD	1	1420	HG
CCV72	CCV72	1	1425	HG
CCB72	CCB72	1	1427	HG
Q2552-05	WS0725-PT-HG-WS	1	1434	HG
Q2725-02L	CompL	5	1436	HG
Q2725-02A	CompA	1	1439	HG
CCV73	CCV73	1	1441	HG
CCB73	CCB73	1	1443	HG

metals
- 14 -
ANALYSIS RUN LOG

Client: Alliance Technical Group, LLC - Newark

Contract: ALLI03

Lab code: ACE

Sdg no.: Q2552

Instrument id number:

Method:

Run number: LB136886

Start date: 08/19/2025

End date: 08/19/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1115	Ca,K,Mg,Na,Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
S1	S1	1	1119	Ca,K,Mg,Na,Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
S2	S2	1	1124	Ca,K,Mg,Na,Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
S3	S3	1	1128	Ca,K,Mg,Na,Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
S4	S4	1	1132	Ca,K,Mg,Na,Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
S5	S5	1	1136	Ca,K,Mg,Na,Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
ICV01	ICV01	1	1217	Ca,K,Mg,Na,Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
LLICV01	LLICV01	1	1223	Ca,K,Mg,Na,Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
ICB01	ICB01	1	1227	Ca,K,Mg,Na,Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
CRI01	CRI01	1	1238	Ca,K,Mg,Na,Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
ICSA01	ICSA01	1	1242	Ca,K,Mg,Na,Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
ICSAB01	ICSAB01	1	1246	Ca,K,Mg,Na,Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
ICSA	ICSA	20	1251	Ca,K,Mg,Na,Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
ICSAB	ICSAB	20	1255	Ca,K,Mg,Na,Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
CCV01	CCV01	1	1259	Ca,K,Mg,Na,Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
CCB01	CCB01	1	1303	Ca,K,Mg,Na,Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
Q2552-06	WS0725-PT-SIO2-WS	1	1326	Si
PB169295BL	PB169295BL	1	1330	Ag,Al,As,B,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Mo,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB169295BS	PB169295BS	1	1335	Ag,Al,As,B,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Mo,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2552-03	WS0725-PT-MIN-WS	1	1339	Ca,K,Mg,Na
Q2552-04	WS0725-PT-TM-WS	1	1343	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
CCV02	CCV02	1	1405	Ca,K,Mg,Na,Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
CCB02	CCB02	1	1409	Ca,K,Mg,Na,Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
CCV03	CCV03	1	1454	Ca,K,Mg,Na,Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
CCB03	CCB03	1	1458	Ca,K,Mg,Na,Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
CCV04	CCV04	1	1547	Ca,K,Mg,Na,Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
CCB04	CCB04	1	1552	Ca,K,Mg,Na,Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
CCV05	CCV05	1	1638	Ca,K,Mg,Na,Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
CCB05	CCB05	1	1643	Ca,K,Mg,Na,Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
CCV06	CCV06	1	1729	Ca,K,Mg,Na,Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
CCB06	CCB06	1	1733	Ca,K,Mg,Na,Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
CCV07	CCV07	1	1802	Ca,K,Mg,Na,Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
CCB07	CCB07	1	1807	Ca,K,Mg,Na,Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn