

LAB CHRONICLE

OrderID:	Q3018	OrderDate:	9/4/2025 10:19:00 AM
Client:	Alliance Technical Group, LLC - Newark	Project:	NJ Waste Water PT
Contact:	Mohammad Ahmed	Location:	QA Office

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3018-01	WP0925-PT-TM1-WP	Water	Metals Group3	6010D	09/02/25	09/23/25	09/26/25	09/04/25
Q3018-03	WP0925-PT-SNTI-WP	Water			09/02/25			09/04/25
Q3018-05	WP0925-PT-MIN2-WP	Water	Metals Group5	6010D	09/02/25	09/23/25	09/26/25	09/04/25
Q3018-07	WP0925-PT-HG-WP	Water			09/02/25			09/04/25
			Mercury	7470A		10/02/25	10/03/25	

Hit Summary Sheet SW-846

SDG No.: Q3018

Order ID: Q3018

Client: Alliance Technical Group, LLC - Newark

Project ID: NJ Waste Water PT

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : WP0925-PT-TM1-WP								
Q3018-01	WP0925-PT-TM1-WP	Water	Aluminum	3200		11.3	100	ug/L
Q3018-01	WP0925-PT-TM1-WP	Water	Antimony	628		6.76	50.0	ug/L
Q3018-01	WP0925-PT-TM1-WP	Water	Arsenic	224		5.12	20.0	ug/L
Q3018-01	WP0925-PT-TM1-WP	Water	Barium	1550		14.6	100	ug/L
Q3018-01	WP0925-PT-TM1-WP	Water	Beryllium	235		0.56	6.00	ug/L
Q3018-01	WP0925-PT-TM1-WP	Water	Boron	943		15.7	100	ug/L
Q3018-01	WP0925-PT-TM1-WP	Water	Cadmium	371		0.50	6.00	ug/L
Q3018-01	WP0925-PT-TM1-WP	Water	Chromium	872		2.12	10.0	ug/L
Q3018-01	WP0925-PT-TM1-WP	Water	Cobalt	292		2.26	30.0	ug/L
Q3018-01	WP0925-PT-TM1-WP	Water	Copper	353		4.60	20.0	ug/L
Q3018-01	WP0925-PT-TM1-WP	Water	Iron	2330		23.4	100	ug/L
Q3018-01	WP0925-PT-TM1-WP	Water	Lead	989		2.30	12.0	ug/L
Q3018-01	WP0925-PT-TM1-WP	Water	Manganese	887		5.94	20.0	ug/L
Q3018-01	WP0925-PT-TM1-WP	Water	Molybdenum	266		18.7	200	ug/L
Q3018-01	WP0925-PT-TM1-WP	Water	Nickel	608		3.06	40.0	ug/L
Q3018-01	WP0925-PT-TM1-WP	Water	Selenium	501		9.64	20.0	ug/L
Q3018-01	WP0925-PT-TM1-WP	Water	Silver	569		1.62	10.0	ug/L
Q3018-01	WP0925-PT-TM1-WP	Water	Strontium	148		4.63	20.0	ug/L
Q3018-01	WP0925-PT-TM1-WP	Water	Thallium	614		4.38	40.0	ug/L
Q3018-01	WP0925-PT-TM1-WP	Water	Vanadium	1240		6.26	40.0	ug/L
Q3018-01	WP0925-PT-TM1-WP	Water	Zinc	1170		16.7	40.0	ug/L
Client ID : WP0925-PT-SNTI-WP								
Q3018-03	WP0925-PT-SNTI-WP	Water	Tin	673		5.14	40.0	ug/L
Q3018-03	WP0925-PT-SNTI-WP	Water	Titanium	82.5		6.42	40.0	ug/L
Client ID : WP0925-PT-MIN2-WP								
Q3018-05	WP0925-PT-MIN2-WP	Water	Calcium	79400		234	2000	ug/L
Q3018-05	WP0925-PT-MIN2-WP	Water	Magnesium	27900		244	2000	ug/L
Q3018-05	WP0925-PT-MIN2-WP	Water	Potassium	8080		918	2000	ug/L
Q3018-05	WP0925-PT-MIN2-WP	Water	Sodium	24200		868	2000	ug/L
Client ID : WP0925-PT-HG-WP								
Q3018-07	WP0925-PT-HG-WP	Water	Mercury	24.0	D	0.38	1.00	ug/L



SAMPLE DATA

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark	Date Collected:	09/02/25
Project:	NJ Waste Water PT	Date Received:	09/04/25
Client Sample ID:	WP0925-PT-TM1-WP	SDG No.:	Q3018
Lab Sample ID:	Q3018-01	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.
7429-90-5	Aluminum	3200		1	11.3	100	ug/L	09/23/25 09:35	09/26/25 14:18	6010D	SW3010
7440-36-0	Antimony	628		1	6.76	50.0	ug/L	09/23/25 09:35	09/26/25 14:18	6010D	SW3010
7440-38-2	Arsenic	224		1	5.12	20.0	ug/L	09/23/25 09:35	09/26/25 14:18	6010D	SW3010
7440-39-3	Barium	1550		1	14.6	100	ug/L	09/23/25 09:35	09/26/25 14:18	6010D	SW3010
7440-41-7	Beryllium	235		1	0.56	6.00	ug/L	09/23/25 09:35	09/26/25 14:18	6010D	SW3010
7440-42-8	Boron	943		1	15.7	100	ug/L	09/23/25 09:35	09/26/25 14:18	6010D	SW3010
7440-43-9	Cadmium	371		1	0.50	6.00	ug/L	09/23/25 09:35	09/26/25 14:18	6010D	SW3010
7440-47-3	Chromium	872		1	2.12	10.0	ug/L	09/23/25 09:35	09/26/25 14:18	6010D	SW3010
7440-48-4	Cobalt	292		1	2.26	30.0	ug/L	09/23/25 09:35	09/26/25 14:18	6010D	SW3010
7440-50-8	Copper	353		1	4.60	20.0	ug/L	09/23/25 09:35	09/26/25 14:18	6010D	SW3010
7439-89-6	Iron	2330		1	23.4	100	ug/L	09/23/25 09:35	09/26/25 14:18	6010D	SW3010
7439-92-1	Lead	989		1	2.30	12.0	ug/L	09/23/25 09:35	09/26/25 14:18	6010D	SW3010
7439-96-5	Manganese	887		1	5.94	20.0	ug/L	09/23/25 09:35	09/26/25 14:18	6010D	SW3010
7439-98-7	Molybdenum	266		1	18.7	200	ug/L	09/23/25 09:35	09/26/25 14:18	6010D	SW3010
7440-02-0	Nickel	608		1	3.06	40.0	ug/L	09/23/25 09:35	09/26/25 14:18	6010D	SW3010
7782-49-2	Selenium	501		1	9.64	20.0	ug/L	09/23/25 09:35	09/26/25 14:18	6010D	SW3010
7440-22-4	Silver	569		1	1.62	10.0	ug/L	09/23/25 09:35	09/26/25 14:18	6010D	SW3010
7440-24-6	Strontium	148		1	4.63	20.0	ug/L	09/23/25 09:35	09/26/25 14:18	6010D	SW3010
7440-28-0	Thallium	614		1	4.38	40.0	ug/L	09/23/25 09:35	09/26/25 14:18	6010D	SW3010
7440-62-2	Vanadium	1240		1	6.26	40.0	ug/L	09/23/25 09:35	09/26/25 14:18	6010D	SW3010
7440-66-6	Zinc	1170		1	16.7	40.0	ug/L	09/23/25 09:35	09/26/25 14:18	6010D	SW3010

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	Metals Group3			

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:	09/02/25
Project:	NJ Waste Water PT	Date Received:	09/04/25
Client Sample ID:	WP0925-PT-SNTI-WP	SDG No.:	Q3018
Lab Sample ID:	Q3018-03	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.
7440-31-5	Tin	673		1	5.14	40.0	ug/L	09/23/25 09:35	09/26/25 14:22	6010D	SW3010
7440-32-6	Titanium	82.5		1	6.42	40.0	ug/L	09/23/25 09:35	09/26/25 14:22	6010D	SW3010

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

U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 D = Dilution
 Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
 B = Analyte Found in Associated Method Blank
 * = indicates the duplicate analysis is not within control limits.
 E = Indicates the reported value is estimated because of the presence of interference.
 OR = Over Range
 N =Spiked sample recovery not within control limits

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark	Date Collected:	09/02/25
Project:	NJ Waste Water PT	Date Received:	09/04/25
Client Sample ID:	WP0925-PT-MIN2-WP	SDG No.:	Q3018
Lab Sample ID:	Q3018-05	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.
7440-70-2	Calcium	79400	1	234		2000	ug/L	09/23/25 09:35	09/26/25 14:10	6010D	SW3010
7439-95-4	Magnesium	27900	1	244		2000	ug/L	09/23/25 09:35	09/26/25 14:10	6010D	SW3010
7440-09-7	Potassium	8080	1	918		2000	ug/L	09/23/25 09:35	09/26/25 14:10	6010D	SW3010
7440-23-5	Sodium	24200	1	868		2000	ug/L	09/23/25 09:35	09/26/25 14:10	6010D	SW3010

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	Metals Group5			

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:	09/02/25
Project:	NJ Waste Water PT	Date Received:	09/04/25
Client Sample ID:	WP0925-PT-HG-WP	SDG No.:	Q3018
Lab Sample ID:	Q3018-07	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	24.0	D	5	0.38	1.00	ug/L	10/02/25 14:20	10/03/25 12:26	7470A	

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



METAL CALIBRATION DATA



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

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q3018

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
ICV58	Mercury	4.11	4.0	103	90 - 110	CV	10/03/2025	11:12	LB137412

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q3018

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
CCV80	Mercury	5.26	5.0	105	90 - 110	CV	10/03/2025	11:16	LB137412
CCV81	Mercury	5.23	5.0	104	90 - 110	CV	10/03/2025	11:50	LB137412
CCV82	Mercury	4.53	5.0	91	90 - 110	CV	10/03/2025	12:35	LB137412

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q3018

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
ICV01	Aluminum	7850	8000	98	90 - 110	P	09/26/2025	12:44	LB137342
	Antimony	4060	4000	102	90 - 110	P	09/26/2025	12:44	LB137342
	Arsenic	3940	4000	98	90 - 110	P	09/26/2025	12:44	LB137342
	Barium	7720	8000	96	90 - 110	P	09/26/2025	12:44	LB137342
	Beryllium	197	200	98	90 - 110	P	09/26/2025	12:44	LB137342
	Boron	3900	4000	97	90 - 110	P	09/26/2025	12:44	LB137342
	Cadmium	1960	2000	98	90 - 110	P	09/26/2025	12:44	LB137342
	Calcium	19500	20000	97	90 - 110	P	09/26/2025	12:44	LB137342
	Chromium	794	800	99	90 - 110	P	09/26/2025	12:44	LB137342
	Cobalt	1960	2000	98	90 - 110	P	09/26/2025	12:44	LB137342
	Copper	996	1000	100	90 - 110	P	09/26/2025	12:44	LB137342
	Iron	3910	4000	98	90 - 110	P	09/26/2025	12:44	LB137342
	Lead	3840	4000	96	90 - 110	P	09/26/2025	12:44	LB137342
	Magnesium	19500	20000	97	90 - 110	P	09/26/2025	12:44	LB137342
	Manganese	1940	2000	97	90 - 110	P	09/26/2025	12:44	LB137342
	Molybdenum	4010	4000	100	90 - 110	P	09/26/2025	12:44	LB137342
	Nickel	1960	2000	98	90 - 110	P	09/26/2025	12:44	LB137342
	Potassium	19300	20000	96	90 - 110	P	09/26/2025	12:44	LB137342
	Selenium	3950	4000	99	90 - 110	P	09/26/2025	12:44	LB137342
	Silver	951	1000	95	90 - 110	P	09/26/2025	12:44	LB137342
	Sodium	19000	20000	95	90 - 110	P	09/26/2025	12:44	LB137342
	Strontium	3950	4000	99	90 - 110	P	09/26/2025	12:44	LB137342
	Thallium	3830	4000	96	90 - 110	P	09/26/2025	12:44	LB137342
	Tin	3940	4000	99	90 - 110	P	09/26/2025	12:44	LB137342
	Titanium	3960	4000	99	90 - 110	P	09/26/2025	12:44	LB137342
	Vanadium	1950	2000	97	90 - 110	P	09/26/2025	12:44	LB137342
	Zinc	2000	2000	100	90 - 110	P	09/26/2025	12:44	LB137342

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q3018

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	116	100	116	80 - 120	P	09/26/2025	12:49	LB137342
	Antimony	52.8	50.0	106	80 - 120	P	09/26/2025	12:49	LB137342
	Arsenic	21.9	20.0	110	80 - 120	P	09/26/2025	12:49	LB137342
	Barium	98.1	100	98	80 - 120	P	09/26/2025	12:49	LB137342
	Beryllium	6.33	6.0	106	80 - 120	P	09/26/2025	12:49	LB137342
	Boron	113	100	113	80 - 120	P	09/26/2025	12:49	LB137342
	Cadmium	6.03	6.0	100	80 - 120	P	09/26/2025	12:49	LB137342
	Calcium	2100	2000	105	80 - 120	P	09/26/2025	12:49	LB137342
	Chromium	10.2	10.0	102	80 - 120	P	09/26/2025	12:49	LB137342
	Cobalt	30.3	30.0	101	80 - 120	P	09/26/2025	12:49	LB137342
	Copper	22.4	20.0	112	80 - 120	P	09/26/2025	12:49	LB137342
	Iron	107	100	107	80 - 120	P	09/26/2025	12:49	LB137342
	Lead	12.3	12.0	102	80 - 120	P	09/26/2025	12:49	LB137342
	Magnesium	2160	2000	108	80 - 120	P	09/26/2025	12:49	LB137342
	Manganese	20.9	20.0	105	80 - 120	P	09/26/2025	12:49	LB137342
	Molybdenum	201	200	100	80 - 120	P	09/26/2025	12:49	LB137342
	Nickel	41.1	40.0	103	80 - 120	P	09/26/2025	12:49	LB137342
	Potassium	2110	2000	105	80 - 120	P	09/26/2025	12:49	LB137342
	Selenium	22.9	20.0	114	80 - 120	P	09/26/2025	12:49	LB137342
	Silver	10.5	10.0	105	80 - 120	P	09/26/2025	12:49	LB137342
	Sodium	2030	2000	102	80 - 120	P	09/26/2025	12:49	LB137342
	Strontium	21.3	20.0	107	80 - 120	P	09/26/2025	12:49	LB137342
	Thallium	39.8	40.0	100	80 - 120	P	09/26/2025	12:49	LB137342
	Tin	38.8	40.0	97	80 - 120	P	09/26/2025	12:49	LB137342
	Titanium	42.7	40.0	107	80 - 120	P	09/26/2025	12:49	LB137342
	Vanadium	36.6	40.0	92	80 - 120	P	09/26/2025	12:49	LB137342
	Zinc	44.6	40.0	112	80 - 120	P	09/26/2025	12:49	LB137342

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q3018

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	9970	10000	100	90 - 110	P	09/26/2025	13:40	LB137342
	Antimony	4980	5000	100	90 - 110	P	09/26/2025	13:40	LB137342
	Arsenic	4980	5000	100	90 - 110	P	09/26/2025	13:40	LB137342
	Barium	9770	10000	98	90 - 110	P	09/26/2025	13:40	LB137342
	Beryllium	250	250	100	90 - 110	P	09/26/2025	13:40	LB137342
	Boron	4980	5000	100	90 - 110	P	09/26/2025	13:40	LB137342
	Cadmium	2480	2500	99	90 - 110	P	09/26/2025	13:40	LB137342
	Calcium	24900	25000	100	90 - 110	P	09/26/2025	13:40	LB137342
	Chromium	997	1000	100	90 - 110	P	09/26/2025	13:40	LB137342
	Cobalt	2460	2500	99	90 - 110	P	09/26/2025	13:40	LB137342
	Copper	1250	1250	100	90 - 110	P	09/26/2025	13:40	LB137342
	Iron	4930	5000	99	90 - 110	P	09/26/2025	13:40	LB137342
	Lead	4920	5000	98	90 - 110	P	09/26/2025	13:40	LB137342
	Magnesium	24800	25000	99	90 - 110	P	09/26/2025	13:40	LB137342
	Manganese	2470	2500	99	90 - 110	P	09/26/2025	13:40	LB137342
	Molybdenum	5000	5000	100	90 - 110	P	09/26/2025	13:40	LB137342
	Nickel	2470	2500	99	90 - 110	P	09/26/2025	13:40	LB137342
	Potassium	24500	25000	98	90 - 110	P	09/26/2025	13:40	LB137342
	Selenium	4990	5000	100	90 - 110	P	09/26/2025	13:40	LB137342
	Silver	1240	1250	100	90 - 110	P	09/26/2025	13:40	LB137342
	Sodium	24100	25000	96	90 - 110	P	09/26/2025	13:40	LB137342
	Strontium	4950	5000	99	90 - 110	P	09/26/2025	13:40	LB137342
	Thallium	5010	5000	100	90 - 110	P	09/26/2025	13:40	LB137342
	Tin	4910	5000	98	90 - 110	P	09/26/2025	13:40	LB137342
	Titanium	4950	5000	99	90 - 110	P	09/26/2025	13:40	LB137342
	Vanadium	2490	2500	99	90 - 110	P	09/26/2025	13:40	LB137342
	Zinc	2510	2500	100	90 - 110	P	09/26/2025	13:40	LB137342
CCV02	Aluminum	9960	10000	100	90 - 110	P	09/26/2025	14:31	LB137342
	Antimony	5060	5000	101	90 - 110	P	09/26/2025	14:31	LB137342
	Arsenic	5080	5000	102	90 - 110	P	09/26/2025	14:31	LB137342
	Barium	9690	10000	97	90 - 110	P	09/26/2025	14:31	LB137342
	Beryllium	249	250	100	90 - 110	P	09/26/2025	14:31	LB137342
	Boron	4930	5000	99	90 - 110	P	09/26/2025	14:31	LB137342
	Cadmium	2510	2500	100	90 - 110	P	09/26/2025	14:31	LB137342

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q3018

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	Calcium	25000	25000	100	90 - 110	P	09/26/2025	14:31	LB137342
	Chromium	1010	1000	101	90 - 110	P	09/26/2025	14:31	LB137342
	Cobalt	2490	2500	100	90 - 110	P	09/26/2025	14:31	LB137342
	Copper	1270	1250	101	90 - 110	P	09/26/2025	14:31	LB137342
	Iron	5060	5000	101	90 - 110	P	09/26/2025	14:31	LB137342
	Lead	4970	5000	99	90 - 110	P	09/26/2025	14:31	LB137342
	Magnesium	24700	25000	99	90 - 110	P	09/26/2025	14:31	LB137342
	Manganese	2450	2500	98	90 - 110	P	09/26/2025	14:31	LB137342
	Molybdenum	5050	5000	101	90 - 110	P	09/26/2025	14:31	LB137342
	Nickel	2500	2500	100	90 - 110	P	09/26/2025	14:31	LB137342
	Potassium	25000	25000	100	90 - 110	P	09/26/2025	14:31	LB137342
	Selenium	5130	5000	103	90 - 110	P	09/26/2025	14:31	LB137342
	Silver	1260	1250	101	90 - 110	P	09/26/2025	14:31	LB137342
	Sodium	24300	25000	97	90 - 110	P	09/26/2025	14:31	LB137342
	Strontium	4940	5000	99	90 - 110	P	09/26/2025	14:31	LB137342
	Thallium	5170	5000	104	90 - 110	P	09/26/2025	14:31	LB137342
	Tin	4970	5000	99	90 - 110	P	09/26/2025	14:31	LB137342
	Titanium	4910	5000	98	90 - 110	P	09/26/2025	14:31	LB137342
	Vanadium	2480	2500	99	90 - 110	P	09/26/2025	14:31	LB137342
	Zinc	2550	2500	102	90 - 110	P	09/26/2025	14:31	LB137342
CCV03	Aluminum	9690	10000	97	90 - 110	P	09/26/2025	15:14	LB137342
	Antimony	4750	5000	95	90 - 110	P	09/26/2025	15:14	LB137342
	Arsenic	4770	5000	95	90 - 110	P	09/26/2025	15:14	LB137342
	Barium	9510	10000	95	90 - 110	P	09/26/2025	15:14	LB137342
	Beryllium	241	250	96	90 - 110	P	09/26/2025	15:14	LB137342
	Boron	4820	5000	96	90 - 110	P	09/26/2025	15:14	LB137342
	Cadmium	2380	2500	95	90 - 110	P	09/26/2025	15:14	LB137342
	Calcium	24200	25000	97	90 - 110	P	09/26/2025	15:14	LB137342
	Chromium	964	1000	96	90 - 110	P	09/26/2025	15:14	LB137342
	Cobalt	2370	2500	95	90 - 110	P	09/26/2025	15:14	LB137342
	Copper	1190	1250	95	90 - 110	P	09/26/2025	15:14	LB137342
	Iron	4720	5000	94	90 - 110	P	09/26/2025	15:14	LB137342
	Lead	4720	5000	94	90 - 110	P	09/26/2025	15:14	LB137342
	Magnesium	24200	25000	97	90 - 110	P	09/26/2025	15:14	LB137342

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q3018

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	Manganese	2390	2500	96	90 - 110	P	09/26/2025	15:14	LB137342
	Molybdenum	4910	5000	98	90 - 110	P	09/26/2025	15:14	LB137342
	Nickel	2360	2500	95	90 - 110	P	09/26/2025	15:14	LB137342
	Potassium	23600	25000	95	90 - 110	P	09/26/2025	15:14	LB137342
	Selenium	4790	5000	96	90 - 110	P	09/26/2025	15:14	LB137342
	Silver	1200	1250	96	90 - 110	P	09/26/2025	15:14	LB137342
	Sodium	23000	25000	92	90 - 110	P	09/26/2025	15:14	LB137342
	Strontium	4770	5000	96	90 - 110	P	09/26/2025	15:14	LB137342
	Thallium	5080	5000	102	90 - 110	P	09/26/2025	15:14	LB137342
	Tin	4710	5000	94	90 - 110	P	09/26/2025	15:14	LB137342
	Titanium	4800	5000	96	90 - 110	P	09/26/2025	15:14	LB137342
	Vanadium	2420	2500	97	90 - 110	P	09/26/2025	15:14	LB137342
	Zinc	2400	2500	96	90 - 110	P	09/26/2025	15:14	LB137342
CCV04	Aluminum	9870	10000	99	90 - 110	P	09/26/2025	16:13	LB137342
	Antimony	4920	5000	98	90 - 110	P	09/26/2025	16:13	LB137342
	Arsenic	4950	5000	99	90 - 110	P	09/26/2025	16:13	LB137342
	Barium	9560	10000	96	90 - 110	P	09/26/2025	16:13	LB137342
	Beryllium	249	250	100	90 - 110	P	09/26/2025	16:13	LB137342
	Boron	4920	5000	98	90 - 110	P	09/26/2025	16:13	LB137342
	Cadmium	2460	2500	98	90 - 110	P	09/26/2025	16:13	LB137342
	Calcium	24700	25000	99	90 - 110	P	09/26/2025	16:13	LB137342
	Chromium	1010	1000	101	90 - 110	P	09/26/2025	16:13	LB137342
	Cobalt	2440	2500	98	90 - 110	P	09/26/2025	16:13	LB137342
	Copper	1230	1250	99	90 - 110	P	09/26/2025	16:13	LB137342
	Iron	5010	5000	100	90 - 110	P	09/26/2025	16:13	LB137342
	Lead	4880	5000	98	90 - 110	P	09/26/2025	16:13	LB137342
	Magnesium	24700	25000	99	90 - 110	P	09/26/2025	16:13	LB137342
	Manganese	2420	2500	97	90 - 110	P	09/26/2025	16:13	LB137342
	Molybdenum	5040	5000	101	90 - 110	P	09/26/2025	16:13	LB137342
	Nickel	2450	2500	98	90 - 110	P	09/26/2025	16:13	LB137342
	Potassium	25300	25000	101	90 - 110	P	09/26/2025	16:13	LB137342
	Selenium	4980	5000	100	90 - 110	P	09/26/2025	16:13	LB137342
	Silver	1260	1250	101	90 - 110	P	09/26/2025	16:13	LB137342
	Sodium	24000	25000	96	90 - 110	P	09/26/2025	16:13	LB137342

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q3018

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
CCV04	Strontium	4860	5000	97	90 - 110	P	09/26/2025	16:13	LB137342
	Thallium	5010	5000	100	90 - 110	P	09/26/2025	16:13	LB137342
	Tin	4860	5000	97	90 - 110	P	09/26/2025	16:13	LB137342
	Titanium	4860	5000	97	90 - 110	P	09/26/2025	16:13	LB137342
	Vanadium	2480	2500	99	90 - 110	P	09/26/2025	16:13	LB137342
	Zinc	2490	2500	100	90 - 110	P	09/26/2025	16:13	LB137342



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

Metals

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CRDL STANDARD FOR AA & ICP

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q3018

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
CRI01	Aluminum	113	100	113	65 - 135	P	09/26/2025	13:00	LB137342
	Antimony	51.7	50.0	103	65 - 135	P	09/26/2025	13:00	LB137342
	Arsenic	22.3	20.0	112	65 - 135	P	09/26/2025	13:00	LB137342
	Barium	98.8	100	99	65 - 135	P	09/26/2025	13:00	LB137342
	Beryllium	6.33	6.0	106	65 - 135	P	09/26/2025	13:00	LB137342
	Boron	105	100	105	65 - 135	P	09/26/2025	13:00	LB137342
	Cadmium	6.04	6.0	101	65 - 135	P	09/26/2025	13:00	LB137342
	Calcium	2090	2000	104	65 - 135	P	09/26/2025	13:00	LB137342
	Chromium	10.1	10.0	101	65 - 135	P	09/26/2025	13:00	LB137342
	Cobalt	29.9	30.0	100	65 - 135	P	09/26/2025	13:00	LB137342
	Copper	22.3	20.0	111	65 - 135	P	09/26/2025	13:00	LB137342
	Iron	96.4	100	96	65 - 135	P	09/26/2025	13:00	LB137342
	Lead	12.4	12.0	103	65 - 135	P	09/26/2025	13:00	LB137342
	Magnesium	2140	2000	107	65 - 135	P	09/26/2025	13:00	LB137342
	Manganese	20.5	20.0	102	65 - 135	P	09/26/2025	13:00	LB137342
	Molybdenum	200	200	100	65 - 135	P	09/26/2025	13:00	LB137342
	Nickel	40.8	40.0	102	65 - 135	P	09/26/2025	13:00	LB137342
	Potassium	2000	2000	100	65 - 135	P	09/26/2025	13:00	LB137342
	Selenium	24.9	20.0	124	65 - 135	P	09/26/2025	13:00	LB137342
	Silver	10.4	10.0	104	65 - 135	P	09/26/2025	13:00	LB137342
	Sodium	2000	2000	100	65 - 135	P	09/26/2025	13:00	LB137342
	Strontium	21.3	20.0	107	65 - 135	P	09/26/2025	13:00	LB137342
	Thallium	39.1	40.0	98	65 - 135	P	09/26/2025	13:00	LB137342
	Tin	38.6	40.0	96	65 - 135	P	09/26/2025	13:00	LB137342
	Titanium	40.0	40.0	100	65 - 135	P	09/26/2025	13:00	LB137342
	Vanadium	37.4	40.0	93	65 - 135	P	09/26/2025	13:00	LB137342
	Zinc	43.2	40.0	108	65 - 135	P	09/26/2025	13:00	LB137342
CRA	Mercury	0.18	0.2	90	70 - 130	CV	10/03/2025	11:21	LB137412



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

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q3018

Contract: ALLI03

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB58	Mercury	0.076	+/-0.2	U	0.20	CV	10/03/2025	11:14	LB137412

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q3018

Contract: ALLI03

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB80	Mercury	0.076	+/-0.2	U	0.20	CV	10/03/2025	11:18	LB137412
CCB81	Mercury	0.076	+/-0.2	U	0.20	CV	10/03/2025	11:53	LB137412
CCB82	Mercury	0.076	+/-0.2	U	0.20	CV	10/03/2025	12:40	LB137412

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q3018

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	11.3	+/-50	U	100	P	09/26/2025	12:55	LB137342
	Antimony	6.76	+/-25	U	50.0	P	09/26/2025	12:55	LB137342
	Arsenic	5.12	+/-10	U	20.0	P	09/26/2025	12:55	LB137342
	Barium	14.6	+/-50	U	100	P	09/26/2025	12:55	LB137342
	Beryllium	0.56	+/-3	U	6.00	P	09/26/2025	12:55	LB137342
	Boron	15.7	+/-50	U	100	P	09/26/2025	12:55	LB137342
	Cadmium	0.50	+/-3	U	6.00	P	09/26/2025	12:55	LB137342
	Calcium	234	+/-1000	U	2000	P	09/26/2025	12:55	LB137342
	Chromium	2.12	+/-5	U	10.0	P	09/26/2025	12:55	LB137342
	Cobalt	2.26	+/-15	U	30.0	P	09/26/2025	12:55	LB137342
	Copper	4.60	+/-10	U	20.0	P	09/26/2025	12:55	LB137342
	Iron	23.4	+/-50	U	100	P	09/26/2025	12:55	LB137342
	Lead	2.30	+/-6	U	12.0	P	09/26/2025	12:55	LB137342
	Magnesium	244	+/-1000	U	2000	P	09/26/2025	12:55	LB137342
	Manganese	5.94	+/-10	U	20.0	P	09/26/2025	12:55	LB137342
	Molybdenum	18.7	+/-100	U	200	P	09/26/2025	12:55	LB137342
	Nickel	3.06	+/-20	U	40.0	P	09/26/2025	12:55	LB137342
	Potassium	918	+/-1000	U	2000	P	09/26/2025	12:55	LB137342
	Selenium	9.64	+/-10	U	20.0	P	09/26/2025	12:55	LB137342
	Silver	1.62	+/-5	U	10.0	P	09/26/2025	12:55	LB137342
	Sodium	868	+/-1000	U	2000	P	09/26/2025	12:55	LB137342
	Strontium	4.63	+/-10	U	20.0	P	09/26/2025	12:55	LB137342
	Thallium	4.38	+/-20	U	40.0	P	09/26/2025	12:55	LB137342
	Tin	5.14	+/-20	U	40.0	P	09/26/2025	12:55	LB137342
	Titanium	6.42	+/-20	U	40.0	P	09/26/2025	12:55	LB137342
	Vanadium	6.26	+/-20	U	40.0	P	09/26/2025	12:55	LB137342
	Zinc	16.7	+/-20	U	40.0	P	09/26/2025	12:55	LB137342

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q3018

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	09/26/2025	13:44	LB137342
	Antimony	6.76	+/-25	U	50.0	P	09/26/2025	13:44	LB137342
	Arsenic	5.12	+/-10	U	20.0	P	09/26/2025	13:44	LB137342
	Barium	14.6	+/-50	U	100	P	09/26/2025	13:44	LB137342
	Beryllium	0.56	+/-3	U	6.00	P	09/26/2025	13:44	LB137342
	Boron	15.7	+/-50	U	100	P	09/26/2025	13:44	LB137342
	Cadmium	0.50	+/-3	U	6.00	P	09/26/2025	13:44	LB137342
	Calcium	234	+/-1000	U	2000	P	09/26/2025	13:44	LB137342
	Chromium	2.12	+/-5	U	10.0	P	09/26/2025	13:44	LB137342
	Cobalt	2.26	+/-15	U	30.0	P	09/26/2025	13:44	LB137342
	Copper	4.60	+/-10	U	20.0	P	09/26/2025	13:44	LB137342
	Iron	23.4	+/-50	U	100	P	09/26/2025	13:44	LB137342
	Lead	2.30	+/-6	U	12.0	P	09/26/2025	13:44	LB137342
	Magnesium	244	+/-1000	U	2000	P	09/26/2025	13:44	LB137342
	Manganese	5.94	+/-10	U	20.0	P	09/26/2025	13:44	LB137342
	Molybdenum	18.7	+/-100	U	200	P	09/26/2025	13:44	LB137342
	Nickel	3.06	+/-20	U	40.0	P	09/26/2025	13:44	LB137342
	Potassium	918	+/-1000	U	2000	P	09/26/2025	13:44	LB137342
	Selenium	9.64	+/-10	U	20.0	P	09/26/2025	13:44	LB137342
	Silver	1.62	+/-5	U	10.0	P	09/26/2025	13:44	LB137342
	Sodium	868	+/-1000	U	2000	P	09/26/2025	13:44	LB137342
	Strontium	4.63	+/-10	U	20.0	P	09/26/2025	13:44	LB137342
	Thallium	4.38	+/-20	U	40.0	P	09/26/2025	13:44	LB137342
	Tin	5.14	+/-20	U	40.0	P	09/26/2025	13:44	LB137342
	Titanium	6.42	+/-20	U	40.0	P	09/26/2025	13:44	LB137342
	Vanadium	6.26	+/-20	U	40.0	P	09/26/2025	13:44	LB137342
	Zinc	16.7	+/-20	U	40.0	P	09/26/2025	13:44	LB137342
CCB02	Aluminum	11.3	+/-50	U	100	P	09/26/2025	14:35	LB137342
	Antimony	6.76	+/-25	U	50.0	P	09/26/2025	14:35	LB137342
	Arsenic	5.12	+/-10	U	20.0	P	09/26/2025	14:35	LB137342
	Barium	14.6	+/-50	U	100	P	09/26/2025	14:35	LB137342
	Beryllium	0.56	+/-3	U	6.00	P	09/26/2025	14:35	LB137342
	Boron	15.7	+/-50	U	100	P	09/26/2025	14:35	LB137342
	Cadmium	0.50	+/-3	U	6.00	P	09/26/2025	14:35	LB137342
	Calcium	234	+/-1000	U	2000	P	09/26/2025	14:35	LB137342
	Chromium	2.12	+/-5	U	10.0	P	09/26/2025	14:35	LB137342
	Cobalt	2.26	+/-15	U	30.0	P	09/26/2025	14:35	LB137342
	Copper	4.60	+/-10	U	20.0	P	09/26/2025	14:35	LB137342
	Iron	23.4	+/-50	U	100	P	09/26/2025	14:35	LB137342

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q3018

Contract: ALLI03

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB02	Lead	2.30	+/-6	U	12.0	P	09/26/2025	14:35	LB137342
	Magnesium	244	+/-1000	U	2000	P	09/26/2025	14:35	LB137342
	Manganese	5.94	+/-10	U	20.0	P	09/26/2025	14:35	LB137342
	Molybdenum	18.7	+/-100	U	200	P	09/26/2025	14:35	LB137342
	Nickel	3.06	+/-20	U	40.0	P	09/26/2025	14:35	LB137342
	Potassium	918	+/-1000	U	2000	P	09/26/2025	14:35	LB137342
	Selenium	9.64	+/-10	U	20.0	P	09/26/2025	14:35	LB137342
	Silver	1.62	+/-5	U	10.0	P	09/26/2025	14:35	LB137342
	Sodium	868	+/-1000	U	2000	P	09/26/2025	14:35	LB137342
	Strontium	4.63	+/-10	U	20.0	P	09/26/2025	14:35	LB137342
	Thallium	4.38	+/-20	U	40.0	P	09/26/2025	14:35	LB137342
	Tin	5.14	+/-20	U	40.0	P	09/26/2025	14:35	LB137342
	Titanium	6.42	+/-20	U	40.0	P	09/26/2025	14:35	LB137342
	Vanadium	6.26	+/-20	U	40.0	P	09/26/2025	14:35	LB137342
	Zinc	16.7	+/-20	U	40.0	P	09/26/2025	14:35	LB137342
CCB03	Aluminum	11.3	+/-50	U	100	P	09/26/2025	15:18	LB137342
	Antimony	6.76	+/-25	U	50.0	P	09/26/2025	15:18	LB137342
	Arsenic	5.12	+/-10	U	20.0	P	09/26/2025	15:18	LB137342
	Barium	14.6	+/-50	U	100	P	09/26/2025	15:18	LB137342
	Beryllium	0.56	+/-3	U	6.00	P	09/26/2025	15:18	LB137342
	Boron	15.7	+/-50	U	100	P	09/26/2025	15:18	LB137342
	Cadmium	0.50	+/-3	U	6.00	P	09/26/2025	15:18	LB137342
	Calcium	234	+/-1000	U	2000	P	09/26/2025	15:18	LB137342
	Chromium	2.12	+/-5	U	10.0	P	09/26/2025	15:18	LB137342
	Cobalt	2.26	+/-15	U	30.0	P	09/26/2025	15:18	LB137342
	Copper	4.60	+/-10	U	20.0	P	09/26/2025	15:18	LB137342
	Iron	23.4	+/-50	U	100	P	09/26/2025	15:18	LB137342
	Lead	2.30	+/-6	U	12.0	P	09/26/2025	15:18	LB137342
	Magnesium	244	+/-1000	U	2000	P	09/26/2025	15:18	LB137342
	Manganese	5.94	+/-10	U	20.0	P	09/26/2025	15:18	LB137342
	Molybdenum	18.7	+/-100	U	200	P	09/26/2025	15:18	LB137342
	Nickel	3.06	+/-20	U	40.0	P	09/26/2025	15:18	LB137342
	Potassium	918	+/-1000	U	2000	P	09/26/2025	15:18	LB137342
	Selenium	9.64	+/-10	U	20.0	P	09/26/2025	15:18	LB137342
	Silver	1.62	+/-5	U	10.0	P	09/26/2025	15:18	LB137342
	Sodium	868	+/-1000	U	2000	P	09/26/2025	15:18	LB137342
	Strontium	4.63	+/-10	U	20.0	P	09/26/2025	15:18	LB137342
	Thallium	4.38	+/-20	U	40.0	P	09/26/2025	15:18	LB137342
	Tin	5.14	+/-20	U	40.0	P	09/26/2025	15:18	LB137342

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q3018

Contract: ALLI03

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB03	Titanium	6.42	+/-20	U	40.0	P	09/26/2025	15:18	LB137342
	Vanadium	6.26	+/-20	U	40.0	P	09/26/2025	15:18	LB137342
	Zinc	16.7	+/-20	U	40.0	P	09/26/2025	15:18	LB137342
CCB04	Aluminum	11.3	+/-50	U	100	P	09/26/2025	16:18	LB137342
	Antimony	6.76	+/-25	U	50.0	P	09/26/2025	16:18	LB137342
	Arsenic	5.12	+/-10	U	20.0	P	09/26/2025	16:18	LB137342
	Barium	14.6	+/-50	U	100	P	09/26/2025	16:18	LB137342
	Beryllium	0.56	+/-3	U	6.00	P	09/26/2025	16:18	LB137342
	Boron	15.7	+/-50	U	100	P	09/26/2025	16:18	LB137342
	Cadmium	0.50	+/-3	U	6.00	P	09/26/2025	16:18	LB137342
	Calcium	234	+/-1000	U	2000	P	09/26/2025	16:18	LB137342
	Chromium	2.12	+/-5	U	10.0	P	09/26/2025	16:18	LB137342
	Cobalt	2.26	+/-15	U	30.0	P	09/26/2025	16:18	LB137342
	Copper	4.60	+/-10	U	20.0	P	09/26/2025	16:18	LB137342
	Iron	23.4	+/-50	U	100	P	09/26/2025	16:18	LB137342
	Lead	2.30	+/-6	U	12.0	P	09/26/2025	16:18	LB137342
	Magnesium	244	+/-1000	U	2000	P	09/26/2025	16:18	LB137342
	Manganese	5.94	+/-10	U	20.0	P	09/26/2025	16:18	LB137342
	Molybdenum	18.7	+/-100	U	200	P	09/26/2025	16:18	LB137342
	Nickel	3.06	+/-20	U	40.0	P	09/26/2025	16:18	LB137342
	Potassium	918	+/-1000	U	2000	P	09/26/2025	16:18	LB137342
	Selenium	9.64	+/-10	U	20.0	P	09/26/2025	16:18	LB137342
	Silver	1.62	+/-5	U	10.0	P	09/26/2025	16:18	LB137342
	Sodium	868	+/-1000	U	2000	P	09/26/2025	16:18	LB137342
	Strontium	4.63	+/-10	U	20.0	P	09/26/2025	16:18	LB137342
	Thallium	4.38	+/-20	U	40.0	P	09/26/2025	16:18	LB137342
	Tin	5.14	+/-20	U	40.0	P	09/26/2025	16:18	LB137342
	Titanium	6.42	+/-20	U	40.0	P	09/26/2025	16:18	LB137342
	Vanadium	6.26	+/-20	U	40.0	P	09/26/2025	16:18	LB137342
	Zinc	16.7	+/-20	U	40.0	P	09/26/2025	16:18	LB137342

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q3018

Instrument: CV1

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB169961BL		WATER		Batch Number:	PB169961		Prep Date:	10/02/2025	
	Mercury	0.076	<0.2	U	0.20	CV	10/03/2025	11:34	LB137412

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q3018

Instrument: P4

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB169561BL	WATER			Batch Number:	PB169561		Prep Date:	09/23/2025	
	Aluminum	11.3	<50	U	100	P	09/26/2025	13:57	LB137342
	Antimony	6.76	<25	U	50.0	P	09/26/2025	13:57	LB137342
	Arsenic	5.12	<10	U	20.0	P	09/26/2025	13:57	LB137342
	Barium	14.6	<50	U	100	P	09/26/2025	13:57	LB137342
	Beryllium	0.56	<3	U	6.00	P	09/26/2025	13:57	LB137342
	Boron	15.7	<50	U	100	P	09/26/2025	13:57	LB137342
	Cadmium	0.50	<3	U	6.00	P	09/26/2025	13:57	LB137342
	Calcium	234	<1000	U	2000	P	09/26/2025	13:57	LB137342
	Chromium	2.12	<5	U	10.0	P	09/26/2025	13:57	LB137342
	Cobalt	2.26	<15	U	30.0	P	09/26/2025	13:57	LB137342
	Copper	4.60	<10	U	20.0	P	09/26/2025	13:57	LB137342
	Iron	23.4	<50	U	100	P	09/26/2025	13:57	LB137342
	Lead	2.30	<6	U	12.0	P	09/26/2025	13:57	LB137342
	Magnesium	244	<1000	U	2000	P	09/26/2025	13:57	LB137342
	Manganese	5.94	<10	U	20.0	P	09/26/2025	13:57	LB137342
	Molybdenum	18.7	<100	U	200	P	09/26/2025	13:57	LB137342
	Nickel	3.06	<20	U	40.0	P	09/26/2025	13:57	LB137342
	Potassium	918	<1000	U	2000	P	09/26/2025	13:57	LB137342
	Selenium	9.64	<10	U	20.0	P	09/26/2025	13:57	LB137342
	Silver	1.62	<5	U	10.0	P	09/26/2025	13:57	LB137342
	Sodium	868	<1000	U	2000	P	09/26/2025	13:57	LB137342
	Strontium	4.63	<10	U	20.0	P	09/26/2025	13:57	LB137342
	Thallium	4.38	<20	U	40.0	P	09/26/2025	13:57	LB137342
	Tin	5.14	<20	U	40.0	P	09/26/2025	13:57	LB137342
	Titanium	6.42	<20	U	40.0	P	09/26/2025	13:57	LB137342
	Vanadium	6.26	<20	U	40.0	P	09/26/2025	13:57	LB137342
	Zinc	16.7	<20	U	40.0	P	09/26/2025	13:57	LB137342

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q3018

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	260000	255000	102	216000	294000	09/26/2025	13:04	LB137342
	Antimony	-2.91			-50	50	09/26/2025	13:04	LB137342
	Arsenic	3.14			-20	20	09/26/2025	13:04	LB137342
	Barium	3.49	6.0	58	-94	106	09/26/2025	13:04	LB137342
	Beryllium	1.67			-6	6	09/26/2025	13:04	LB137342
	Boron	72.7	1000	7	-100	100	09/26/2025	13:04	LB137342
	Cadmium	-1.23	1.0	123	-5	7	09/26/2025	13:04	LB137342
	Calcium	241000	245000	98	208000	282000	09/26/2025	13:04	LB137342
	Chromium	45.7	52.0	88	42	62	09/26/2025	13:04	LB137342
	Cobalt	1.48			-30	30	09/26/2025	13:04	LB137342
	Copper	9.02	2.0	451	-18	22	09/26/2025	13:04	LB137342
	Iron	102000	101000	101	85600	116500	09/26/2025	13:04	LB137342
	Lead	-0.70			-12	12	09/26/2025	13:04	LB137342
	Magnesium	258000	255000	101	216000	294000	09/26/2025	13:04	LB137342
	Manganese	6.38	7.0	91	-13	27	09/26/2025	13:04	LB137342
	Molybdenum	0.17	1000		-200	200	09/26/2025	13:04	LB137342
	Nickel	3.29	2.0	164	-38	42	09/26/2025	13:04	LB137342
	Potassium	43.8			0	0	09/26/2025	13:04	LB137342
	Selenium	7.79			-20	20	09/26/2025	13:04	LB137342
	Silver	-1.79			-10	10	09/26/2025	13:04	LB137342
	Sodium	76.3			0	0	09/26/2025	13:04	LB137342
	Strontium	3.74			0	0	09/26/2025	13:04	LB137342
	Thallium	5.89			-40	40	09/26/2025	13:04	LB137342
	Tin	-4.75	1000		-40	40	09/26/2025	13:04	LB137342
	Titanium	-4.04			0	0	09/26/2025	13:04	LB137342
	Vanadium	0.41			-40	40	09/26/2025	13:04	LB137342
	Zinc	2.43			-40	40	09/26/2025	13:04	LB137342
ICSAB01	Aluminum	249000	247000	101	209000	285000	09/26/2025	13:08	LB137342
	Antimony	609	618	98	525	711	09/26/2025	13:08	LB137342
	Arsenic	108	104	104	88.4	120	09/26/2025	13:08	LB137342
	Barium	495	537	92	437	637	09/26/2025	13:08	LB137342
	Beryllium	504	495	102	420	570	09/26/2025	13:08	LB137342
	Boron	981	1000	98	850	1150	09/26/2025	13:08	LB137342
	Cadmium	983	972	101	826	1120	09/26/2025	13:08	LB137342
	Calcium	236000	235000	100	199000	271000	09/26/2025	13:08	LB137342
	Chromium	544	542	100	460	624	09/26/2025	13:08	LB137342
	Cobalt	494	476	104	404	548	09/26/2025	13:08	LB137342
	Copper	500	511	98	434	588	09/26/2025	13:08	LB137342
	Iron	98300	99300	99	84400	114500	09/26/2025	13:08	LB137342
	Lead	43.2	49.0	88	37	61	09/26/2025	13:08	LB137342
	Magnesium	250000	248000	101	210000	286000	09/26/2025	13:08	LB137342
	Manganese	493	507	97	430	584	09/26/2025	13:08	LB137342

Metals

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INTERFERENCE CHECK SAMPLE

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q3018

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	Molybdenum	960	1000	96	850	1150	09/26/2025	13:08	LB137342
	Nickel	981	954	103	810	1100	09/26/2025	13:08	LB137342
	Potassium	-20.4			0	0	09/26/2025	13:08	LB137342
	Selenium	60.5	46.0	132	26	66	09/26/2025	13:08	LB137342
	Silver	209	201	104	170	232	09/26/2025	13:08	LB137342
	Sodium	69.1			0	0	09/26/2025	13:08	LB137342
	Strontium	1020			0	0	09/26/2025	13:08	LB137342
	Thallium	113	108	105	68	148	09/26/2025	13:08	LB137342
	Tin	935	1000	94	850	1150	09/26/2025	13:08	LB137342
	Titanium	935			0	0	09/26/2025	13:08	LB137342
	Vanadium	483	491	98	417	565	09/26/2025	13:08	LB137342
	Zinc	1040	952	109	809	1095	09/26/2025	13:08	LB137342



METAL

QC

DATA

metals
- 5a -
MATRIX SPIKE SUMMARY

client: Alliance Technical Group, LLC - Newark **level:** low **sdg no.:** Q3018
contract: ALLI03 **lab code:** ACE
matrix: Water **sample id:** Q3252-05 **client id:** AUD-25-0161MS
Percent Solids for Sample: NA **Spiked ID:** Q3252-05MS **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	3.66		0.20	U	4.0	92		CV

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client:	<u>Alliance Technical Group, LLC - Newark</u>	level:	<u>low</u>	sdg no.:	<u>Q3018</u>
contract:	<u>ALLI03</u>			lab code:	<u>ACE</u>
matrix:	<u>Water</u>	sample id:	<u>Q3252-05</u>	client id:	<u>AUD-25-0161MSD</u>
Percent Solids for Sample:	NA	Spiked ID:	Q3252-05MSD	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	3.85		0.20	U	4.0	96		CV



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

Metals
- 5b -

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q3018

Contract: ALLI03

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: Alliance Technical Group, LLC - Newark **Level:** LOW **SDG No.:** Q3018
Contract: ALLI03 **Lab Code:** ACE
Matrix: Water **Sample ID:** Q3252-05 **Client ID:** AUD-25-0161DUP
Percent Solids for Sample: NA **Duplicate ID** Q3252-05DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	ug/L	20	0.20	U	0.20	U			CV

Metals

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DUPLICATE SAMPLE SUMMARY

Client: Alliance Technical Group, LLC - Newark **Level:** LOW **SDG No.:** Q3018
Contract: ALLI03 **Lab Code:** ACE
Matrix: Water **Sample ID:** Q3252-05MS **Client ID:** AUD-25-0161MSD
Percent Solids for Sample: NA **Duplicate ID** Q3252-05MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	ug/L	20	3.66		3.85		5		CV

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q3018

Contract: ALLI03

Lab Code: ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB169561BS							
Aluminum	ug/L	2000	1930		96	80 - 120	P
Antimony	ug/L	800	805		101	80 - 120	P
Arsenic	ug/L	800	771		96	80 - 120	P
Barium	ug/L	200	185		92	80 - 120	P
Beryllium	ug/L	200	200		100	80 - 120	P
Boron	ug/L	300	294		98	80 - 120	P
Cadmium	ug/L	200	191		96	80 - 120	P
Calcium	ug/L	1000	980	J	98	80 - 120	P
Chromium	ug/L	400	398		100	80 - 120	P
Cobalt	ug/L	200	191		96	80 - 120	P
Copper	ug/L	300	300		100	80 - 120	P
Iron	ug/L	3000	2960		99	80 - 120	P
Lead	ug/L	1000	941		94	80 - 120	P
Magnesium	ug/L	2000	1930	J	96	80 - 120	P
Manganese	ug/L	200	191		96	80 - 120	P
Molybdenum	ug/L	400	405		101	80 - 120	P
Nickel	ug/L	500	482		96	80 - 120	P
Potassium	ug/L	10000	9630		96	80 - 120	P
Selenium	ug/L	2000	1960		98	80 - 120	P
Silver	ug/L	75.0	70.9		94	80 - 120	P
Sodium	ug/L	3000	2770		92	80 - 120	P
Strontium	ug/L	200	187		94	80 - 120	P
Thallium	ug/L	2000	1990		100	80 - 120	P
Tin	ug/L	700	682		97	80 - 120	P
Titanium	ug/L	200	194		97	80 - 120	P
Vanadium	ug/L	300	288		96	80 - 120	P
Zinc	ug/L	200	205		102	80 - 120	P



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Metals
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LABORATORY CONTROL SAMPLE SUMMARY

Client:

Contract:

Alliance Technical Group, LLC - Newark

ALLI03

SDG No.:

Lab Code:

Q3018

ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB169961BS Mercury	ug/L	4.0	4.10		102	80 - 120	CV

Metals

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ICP SERIAL DILUTIONS

SAMPLE NO.

AUD-25-0161L

Lab Name: Alliance

Contract: ALLI03

Lab Code: ACE

Lb No.: lb137412

Lab Sample ID : Q3252-05L

SDG No.: Q3018

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	0.20 U	1.00 U			CV



METAL PREPARATION & INSTRUMENT DATA

Metals

- 11 -

ICP INTERELEMEN CORRECTION FACTORS

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q3018

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:				
		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

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ICP INTERELEMEN CORRECTION FACTORS

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q3018

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:				
		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

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ICP INTERELEMENT CORRECTION FACTORS

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q3018

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

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ICP INTERELEMENT CORRECTION FACTORS

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q3018

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:				
		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

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ICP INTERELEMEN CORRECTION FACTORS

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q3018

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:				
		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

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SAMPLE PREPARATION SUMMARY

Client: Alliance Technical Group, LLC - Newark **SDG No.:** Q3018
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: PB169561							
PB169561BL	PB169561BL	MB	WATER	09/23/2025	50.0	50.0	
PB169561BS	PB169561BS	LCS	WATER	09/23/2025	50.0	50.0	
Q3018-01	WP0925-PT-TM1-WP	SAM	WATER	09/23/2025	50.0	50.0	
Q3018-03	WP0925-PT-SNTI-WP	SAM	WATER	09/23/2025	50.0	50.0	
Q3018-05	WP0925-PT-MIN2-WP	SAM	WATER	09/23/2025	50.0	50.0	

Metals

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SAMPLE PREPARATION SUMMARY

Client: Alliance Technical Group, LLC - Newark **SDG No.:** Q3018
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: PB169961							
PB169961BL	PB169961BL	MB	WATER	10/02/2025	30.0	30.0	
PB169961BS	PB169961BS	LCS	WATER	10/02/2025	30.0	30.0	
Q3018-07	WP0925-PT-HG-WP	SAM	WATER	10/02/2025	30.0	30.0	
Q3252-05DUP	AUD-25-0161DUP	DUP	WATER	10/02/2025	30.0	30.0	
Q3252-05MS	AUD-25-0161MS	MS	WATER	10/02/2025	30.0	30.0	
Q3252-05MSD	AUD-25-0161MSD	MSD	WATER	10/02/2025	30.0	30.0	

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ANALYSIS RUN LOG

Client: Alliance Technical Group, LLC - Newark

Contract: ALLI03

Lab code: ACE

Sdg no.: Q3018

Instrument id number:

Method:

Run number: LB137342

Start date: 09/26/2025

End date: 09/26/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1212	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Sr,Tl,V,Zn,Sn,Ti,Ca,K,Mg,Na
S1	S1	1	1216	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Sr,Tl,V,Zn,Sn,Ti,Ca,K,Mg,Na
S2	S2	1	1221	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Sr,Tl,V,Zn,Sn,Ti,Ca,K,Mg,Na
S3	S3	1	1225	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Sr,Tl,V,Zn,Sn,Ti,Ca,K,Mg,Na
S4	S4	1	1229	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Sr,Tl,V,Zn,Sn,Ti,Ca,K,Mg,Na
S5	S5	1	1233	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Sr,Tl,V,Zn,Sn,Ti,Ca,K,Mg,Na
ICV01	ICV01	1	1244	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Sr,Tl,V,Zn,Sn,Ti,Ca,K,Mg,Na
LLICV01	LLICV01	1	1249	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Sr,Tl,V,Zn,Sn,Ti,Ca,K,Mg,Na
ICB01	ICB01	1	1255	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Sr,Tl,V,Zn,Sn,Ti,Ca,K,Mg,Na
CRI01	CRI01	1	1300	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Sr,Tl,V,Zn,Sn,Ti,Ca,K,Mg,Na
ICSA01	ICSA01	1	1304	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Sr,Tl,V,Zn,Sn,Ti,Ca,K,Mg,Na
ICSAB01	ICSAB01	1	1308	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Sr,Tl,V,Zn,Sn,Ti,Ca,K,Mg,Na
CCV01	CCV01	1	1340	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Sr,Tl,V,Zn,Sn,Ti,Ca,K,Mg,Na
CCB01	CCB01	1	1344	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Sr,Tl,V,Zn,Sn,Ti,Ca,K,Mg,Na
PB169561BL	PB169561BL	1	1357	Ag,Al,As,B,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Mo,Na,Ni,Pb,Sb,Se,Sn,Sr,Ti,Tl,V,Zn
PB169561BS	PB169561BS	1	1401	Ag,Al,As,B,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Mo,Na,Ni,Pb,Sb,Se,Sn,Sr,Ti,Tl,V,Zn
Q3018-05	WP0925-PT-MIN2-WP	1	1410	Ca,K,Mg,Na
Q3018-01	WP0925-PT-TM1-WP	1	1418	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Sr,Tl,V,Zn
Q3018-03	WP0925-PT-SNTI-WP	1	1422	Sn,Ti
CCV02	CCV02	1	1431	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Sr,Tl,V,Zn,Sn,Ti,Ca,K,Mg,Na
CCB02	CCB02	1	1435	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Sr,Tl,V,Zn,Sn,Ti,Ca,K,Mg,Na
CCV03	CCV03	1	1514	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Sr,Tl,V,Zn,Sn,Ti,Ca,K,Mg,Na
CCB03	CCB03	1	1518	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Sr,Tl,V,Zn,Sn,Ti,Ca,K,Mg,Na
CCV04	CCV04	1	1613	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Sr,Tl,V,Zn,Sn,Ti,Ca,K,Mg,Na
CCB04	CCB04	1	1618	Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Sr,Tl,V,Zn,Sn,Ti,Ca,K,Mg,Na

metals
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ANALYSIS RUN LOG

Client: Alliance Technical Group, LLC - Newark

Contract: ALLI03

Lab code: ACE

Sdg no.: Q3018

Instrument id number:

Method:

Run number: LB137412

Start date: 10/03/2025

End date: 10/03/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1056	HG
S0.2	S0.2	1	1059	HG
S2.5	S2.5	1	1101	HG
S5	S5	1	1103	HG
S7.5	S7.5	1	1106	HG
S10	S10	1	1108	HG
ICV58	ICV58	1	1112	HG
ICB58	ICB58	1	1114	HG
CCV80	CCV80	1	1116	HG
CCB80	CCB80	1	1118	HG
CRA	CRA	1	1121	HG
PB169961BL	PB169961BL	1	1134	HG
PB169961BS	PB169961BS	1	1136	HG
Q3252-05DUP	AUD-25-0161DUP	1	1146	HG
Q3252-05MS	AUD-25-0161MS	1	1148	HG
CCV81	CCV81	1	1150	HG
CCB81	CCB81	1	1153	HG
Q3252-05MSD	AUD-25-0161MSD	1	1155	HG
Q3252-05L	AUD-25-0161L	5	1216	HG
Q3018-07	WP0925-PT-HG-WP	5	1226	HG
CCV82	CCV82	1	1235	HG
CCB82	CCB82	1	1240	HG