

LAB CHRONICLE

OrderID: Q1201	OrderDate: 1/28/2025 10:00:00 AM
Client: Weston Solutions	Project: Ft Meade Tipton Airfield Parcel RI - PO 0111169
Contact: Nathan Fretz	Location: N31

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1201-01	TAPHHA-MW12-01272 5-00-T2	Water			01/27/25			01/28/25
			Mercury	7470A		02/06/25	02/06/25	
			Metals ICP-TAL	6020B		01/30/25	02/06/25	

Hit Summary Sheet
SW-846

SDG No.: Q1201

Order ID: Q1201

Client: Weston Solutions

Project ID: Ft Meade Tipton Airfield Parcel RI - PO 01

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID : TAPHHA-MW12-012725-00-T2									
Q1201-01	TAPHHA-MW12-012725-00-T2	Water	Aluminum	9.37	J	0.99	5.00	10.0	ug/L
Q1201-01	TAPHHA-MW12-012725-00-T2	Water	Antimony	0.065	J	0.055	0.13	1.00	ug/L
Q1201-01	TAPHHA-MW12-012725-00-T2	Water	Arsenic	0.67		0.045	0.13	0.50	ug/L
Q1201-01	TAPHHA-MW12-012725-00-T2	Water	Barium	22.5		0.15	0.63	5.00	ug/L
Q1201-01	TAPHHA-MW12-012725-00-T2	Water	Beryllium	0.16	J	0.080	0.13	0.50	ug/L
Q1201-01	TAPHHA-MW12-012725-00-T2	Water	Calcium	4980		31.3	95.0	250	ug/L
Q1201-01	TAPHHA-MW12-012725-00-T2	Water	Cobalt	2.98		0.031	0.13	0.50	ug/L
Q1201-01	TAPHHA-MW12-012725-00-T2	Water	Copper	0.34	J	0.20	0.75	1.00	ug/L
Q1201-01	TAPHHA-MW12-012725-00-T2	Water	Iron	3590		4.80	12.5	25.0	ug/L
Q1201-01	TAPHHA-MW12-012725-00-T2	Water	Lead	0.17	J	0.055	0.38	0.50	ug/L
Q1201-01	TAPHHA-MW12-012725-00-T2	Water	Magnesium	4180		13.3	95.0	250	ug/L
Q1201-01	TAPHHA-MW12-012725-00-T2	Water	Manganese	2050		0.12	0.38	0.50	ug/L
Q1201-01	TAPHHA-MW12-012725-00-T2	Water	Nickel	9.46		0.090	0.13	0.50	ug/L
Q1201-01	TAPHHA-MW12-012725-00-T2	Water	Potassium	1110		23.1	95.0	250	ug/L
Q1201-01	TAPHHA-MW12-012725-00-T2	Water	Sodium	1690		42.9	95.0	250	ug/L
Q1201-01	TAPHHA-MW12-012725-00-T2	Water	Vanadium	0.14	J	0.036	0.13	2.50	ug/L
Q1201-01	TAPHHA-MW12-012725-00-T2	Water	Zinc	5.82		0.28	0.75	2.50	ug/L
Q1201-01	TAPHHA-MW12-012725-00-T2	Water	Hardness, Total	29600		133	628	1650	ug/L



SAMPLE DATA

Report of Analysis

Client:	Weston Solutions	Date Collected:	01/27/25
Project:	Ft Meade Tipton Airfield Parcel RI - PO 0111169	Date Received:	01/28/25
Client Sample ID:	TAPHHA-MW12-012725-00-T2	SDG No.:	Q1201
Lab Sample ID:	Q1201-01	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	9.37	JN*	1	0.99	5.00	10.0	ug/L	01/30/25 10:30	02/06/25 18:28	SW6020	3010A
7440-36-0	Antimony	0.065	J	1	0.055	0.13	1.00	ug/L	01/30/25 10:30	02/06/25 18:28	SW6020	3010A
7440-38-2	Arsenic	0.67	N	1	0.045	0.13	0.50	ug/L	01/30/25 10:30	02/06/25 18:28	SW6020	3010A
7440-39-3	Barium	22.5		1	0.15	0.63	5.00	ug/L	01/30/25 10:30	02/06/25 18:28	SW6020	3010A
7440-41-7	Beryllium	0.16	J	1	0.080	0.13	0.50	ug/L	01/30/25 10:30	02/06/25 18:28	SW6020	3010A
7440-43-9	Cadmium	0.25	U	1	0.15	0.25	0.50	ug/L	01/30/25 10:30	02/06/25 18:28	SW6020	3010A
7440-70-2	Calcium	4980	N	1	31.3	95.0	250	ug/L	01/30/25 10:30	02/06/25 18:28	SW6020	3010A
7440-47-3	Chromium	0.38	U	1	0.20	0.38	1.00	ug/L	01/30/25 10:30	02/06/25 18:28	SW6020	3010A
7440-48-4	Cobalt	2.98		1	0.031	0.13	0.50	ug/L	01/30/25 10:30	02/06/25 18:28	SW6020	3010A
7440-50-8	Copper	0.34	J	1	0.20	0.75	1.00	ug/L	01/30/25 10:30	02/06/25 18:28	SW6020	3010A
Hardness	Hardness, Total	29600		1	133	628	1650	ug/L	01/30/25 10:30	02/06/25 18:28	SW6020	3010A
7439-89-6	Iron	3590	N	1	4.80	12.5	25.0	ug/L	01/30/25 10:30	02/06/25 18:28	SW6020	3010A
7439-92-1	Lead	0.17	J	1	0.055	0.38	0.50	ug/L	01/30/25 10:30	02/06/25 18:28	SW6020	3010A
7439-95-4	Magnesium	4180		1	13.3	95.0	250	ug/L	01/30/25 10:30	02/06/25 18:28	SW6020	3010A
7439-96-5	Manganese	2050		1	0.12	0.38	0.50	ug/L	01/30/25 10:30	02/06/25 18:28	SW6020	3010A
7439-97-6	Mercury	0.16	UN	1	0.081	0.16	0.20	ug/L	02/06/25 08:55	02/06/25 12:10	SW7470A	
7440-02-0	Nickel	9.46		1	0.090	0.13	0.50	ug/L	01/30/25 10:30	02/06/25 18:28	SW6020	3010A
7440-09-7	Potassium	1110	N	1	23.1	95.0	250	ug/L	01/30/25 10:30	02/06/25 18:28	SW6020	3010A
7782-49-2	Selenium	2.25	U	1	0.69	2.25	2.50	ug/L	01/30/25 10:30	02/06/25 18:28	SW6020	3010A
7440-22-4	Silver	0.25	UN	1	0.039	0.25	0.50	ug/L	01/30/25 10:30	02/06/25 18:28	SW6020	3010A
7440-23-5	Sodium	1690		1	42.9	95.0	250	ug/L	01/30/25 10:30	02/06/25 18:28	SW6020	3010A
7440-28-0	Thallium	0.25	U	1	0.043	0.25	0.50	ug/L	01/30/25 10:30	02/06/25 18:28	SW6020	3010A
7440-62-2	Vanadium	0.14	J	1	0.036	0.13	2.50	ug/L	01/30/25 10:30	02/06/25 18:28	SW6020	3010A
7440-66-6	Zinc	5.82		1	0.28	0.75	2.50	ug/L	01/30/25 10:30	02/06/25 18:28	SW6020	3010A

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	METALS-TAL			

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

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Weston Solutions **SDG No.:** Q1201
Contract: WEST04 **Lab Code:** CHEM **Case No.:** Q1201 **SAS No.:** Q1201
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
ICV88	Mercury	3.80	4.0	95	90 - 110	CV	02/06/2025	11:52	LB134599

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Weston Solutions **SDG No.:** Q1201
Contract: WEST04 **Lab Code:** CHEM **Case No.:** Q1201 **SAS No.:** Q1201
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
CCV30	Mercury	4.90	5.0	98	90 - 110	CV	02/06/2025	11:57	LB134599
CCV31	Mercury	4.68	5.0	94	90 - 110	CV	02/06/2025	12:28	LB134599
CCV32	Mercury	5.12	5.0	102	90 - 110	CV	02/06/2025	12:59	LB134599

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Weston Solutions **SDG No.:** Q1201
Contract: WEST04 **Lab Code:** CHEM **Case No.:** Q1201 **SAS No.:** Q1201
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
ICV01	Aluminum	476	500	95	90 - 110	P	02/06/2025	12:45	LB134616
	Antimony	209	200	104	90 - 110	P	02/06/2025	12:45	LB134616
	Arsenic	209	200	104	90 - 110	P	02/06/2025	12:45	LB134616
	Barium	103	100	102	90 - 110	P	02/06/2025	12:45	LB134616
	Beryllium	104	100	104	90 - 110	P	02/06/2025	12:45	LB134616
	Cadmium	106	100	106	90 - 110	P	02/06/2025	12:45	LB134616
	Calcium	2130	2000	107	90 - 110	P	02/06/2025	12:45	LB134616
	Chromium	103	100	102	90 - 110	P	02/06/2025	12:45	LB134616
	Cobalt	106	100	106	90 - 110	P	02/06/2025	12:45	LB134616
	Copper	107	100	107	90 - 110	P	02/06/2025	12:45	LB134616
	Iron	2010	2000	100	90 - 110	P	02/06/2025	12:45	LB134616
	Lead	207	200	103	90 - 110	P	02/06/2025	12:45	LB134616
	Magnesium	1130	1200	94	90 - 110	P	02/06/2025	12:45	LB134616
	Manganese	102	100	102	90 - 110	P	02/06/2025	12:45	LB134616
	Nickel	105	110	96	90 - 110	P	02/06/2025	12:45	LB134616
	Potassium	1910	2000	95	90 - 110	P	02/06/2025	12:45	LB134616
	Selenium	212	200	106	90 - 110	P	02/06/2025	12:45	LB134616
	Silver	49.5	50.0	99	90 - 110	P	02/06/2025	12:45	LB134616
	Sodium	2030	2000	102	90 - 110	P	02/06/2025	12:45	LB134616
	Thallium	204	210	97	90 - 110	P	02/06/2025	12:45	LB134616
	Vanadium	99.3	100	99	90 - 110	P	02/06/2025	12:45	LB134616
	Zinc	203	200	102	90 - 110	P	02/06/2025	12:45	LB134616

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Weston Solutions **SDG No.:** Q1201

Contract: WEST04 **Lab Code:** CHEM **Case No.:** Q1201 **SAS No.:** Q1201

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
CCV01	Aluminum	48300	50000	97	90 - 110	P	02/06/2025	13:00	LB134616
	Antimony	498	500	100	90 - 110	P	02/06/2025	13:00	LB134616
	Arsenic	494	500	99	90 - 110	P	02/06/2025	13:00	LB134616
	Barium	2520	2500	101	90 - 110	P	02/06/2025	13:00	LB134616
	Beryllium	516	500	103	90 - 110	P	02/06/2025	13:00	LB134616
	Cadmium	494	500	99	90 - 110	P	02/06/2025	13:00	LB134616
	Calcium	233000	250000	93	90 - 110	P	02/06/2025	13:00	LB134616
	Chromium	510	500	102	90 - 110	P	02/06/2025	13:00	LB134616
	Cobalt	493	500	99	90 - 110	P	02/06/2025	13:00	LB134616
	Copper	4820	5000	96	90 - 110	P	02/06/2025	13:00	LB134616
	Iron	121000	125000	97	90 - 110	P	02/06/2025	13:00	LB134616
	Lead	2580	2500	103	90 - 110	P	02/06/2025	13:00	LB134616
	Magnesium	237000	250000	95	90 - 110	P	02/06/2025	13:00	LB134616
	Manganese	5020	5000	100	90 - 110	P	02/06/2025	13:00	LB134616
	Nickel	461	500	92	90 - 110	P	02/06/2025	13:00	LB134616
	Potassium	119000	125000	95	90 - 110	P	02/06/2025	13:00	LB134616
	Selenium	493	500	99	90 - 110	P	02/06/2025	13:00	LB134616
	Silver	487	500	97	90 - 110	P	02/06/2025	13:00	LB134616
	Sodium	235000	250000	94	90 - 110	P	02/06/2025	13:00	LB134616
	Thallium	522	500	104	90 - 110	P	02/06/2025	13:00	LB134616
	Vanadium	508	500	102	90 - 110	P	02/06/2025	13:00	LB134616
	Zinc	4820	5000	96	90 - 110	P	02/06/2025	13:00	LB134616
CCV02	Aluminum	47900	50000	96	90 - 110	P	02/06/2025	14:37	LB134616
	Antimony	498	500	100	90 - 110	P	02/06/2025	14:37	LB134616
	Arsenic	495	500	99	90 - 110	P	02/06/2025	14:37	LB134616
	Barium	2500	2500	100	90 - 110	P	02/06/2025	14:37	LB134616
	Beryllium	505	500	101	90 - 110	P	02/06/2025	14:37	LB134616
	Cadmium	489	500	98	90 - 110	P	02/06/2025	14:37	LB134616
	Calcium	232000	250000	93	90 - 110	P	02/06/2025	14:37	LB134616
	Chromium	515	500	103	90 - 110	P	02/06/2025	14:37	LB134616
	Cobalt	504	500	101	90 - 110	P	02/06/2025	14:37	LB134616
	Copper	4820	5000	96	90 - 110	P	02/06/2025	14:37	LB134616
	Iron	122000	125000	98	90 - 110	P	02/06/2025	14:37	LB134616
	Lead	2570	2500	103	90 - 110	P	02/06/2025	14:37	LB134616

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Weston Solutions **SDG No.:** Q1201
Contract: WEST04 **Lab Code:** CHEM **Case No.:** Q1201 **SAS No.:** Q1201
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
CCV02	Magnesium	240000	250000	96	90 - 110	P	02/06/2025	14:37	LB134616
	Manganese	5020	5000	100	90 - 110	P	02/06/2025	14:37	LB134616
	Nickel	464	500	93	90 - 110	P	02/06/2025	14:37	LB134616
	Potassium	119000	125000	95	90 - 110	P	02/06/2025	14:37	LB134616
	Selenium	487	500	97	90 - 110	P	02/06/2025	14:37	LB134616
	Silver	482	500	96	90 - 110	P	02/06/2025	14:37	LB134616
	Sodium	240000	250000	96	90 - 110	P	02/06/2025	14:37	LB134616
	Thallium	516	500	103	90 - 110	P	02/06/2025	14:37	LB134616
	Vanadium	515	500	103	90 - 110	P	02/06/2025	14:37	LB134616
	Zinc	4840	5000	97	90 - 110	P	02/06/2025	14:37	LB134616
CCV03	Aluminum	47900	50000	96	90 - 110	P	02/06/2025	16:17	LB134616
	Antimony	502	500	100	90 - 110	P	02/06/2025	16:17	LB134616
	Arsenic	494	500	99	90 - 110	P	02/06/2025	16:17	LB134616
	Barium	2550	2500	102	90 - 110	P	02/06/2025	16:17	LB134616
	Beryllium	493	500	99	90 - 110	P	02/06/2025	16:17	LB134616
	Cadmium	492	500	98	90 - 110	P	02/06/2025	16:17	LB134616
	Calcium	233000	250000	93	90 - 110	P	02/06/2025	16:17	LB134616
	Chromium	511	500	102	90 - 110	P	02/06/2025	16:17	LB134616
	Cobalt	498	500	100	90 - 110	P	02/06/2025	16:17	LB134616
	Copper	4750	5000	95	90 - 110	P	02/06/2025	16:17	LB134616
	Iron	120000	125000	96	90 - 110	P	02/06/2025	16:17	LB134616
	Lead	2580	2500	103	90 - 110	P	02/06/2025	16:17	LB134616
	Magnesium	242000	250000	97	90 - 110	P	02/06/2025	16:17	LB134616
	Manganese	4970	5000	99	90 - 110	P	02/06/2025	16:17	LB134616
	Nickel	459	500	92	90 - 110	P	02/06/2025	16:17	LB134616
	Potassium	119000	125000	95	90 - 110	P	02/06/2025	16:17	LB134616
	Selenium	484	500	97	90 - 110	P	02/06/2025	16:17	LB134616
	Silver	486	500	97	90 - 110	P	02/06/2025	16:17	LB134616
	Sodium	242000	250000	97	90 - 110	P	02/06/2025	16:17	LB134616
	Thallium	522	500	104	90 - 110	P	02/06/2025	16:17	LB134616
	Vanadium	506	500	101	90 - 110	P	02/06/2025	16:17	LB134616
	Zinc	4770	5000	95	90 - 110	P	02/06/2025	16:17	LB134616
CCV04	Aluminum	47800	50000	96	90 - 110	P	02/06/2025	16:55	LB134616
	Antimony	500	500	100	90 - 110	P	02/06/2025	16:55	LB134616

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Weston Solutions SDG No.: Q1201
Contract: WEST04 Lab Code: CHEM Case No.: Q1201 SAS No.: Q1201
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
CCV04	Arsenic	499	500	100	90 - 110	P	02/06/2025	16:55	LB134616
	Barium	2530	2500	101	90 - 110	P	02/06/2025	16:55	LB134616
	Beryllium	499	500	100	90 - 110	P	02/06/2025	16:55	LB134616
	Cadmium	498	500	100	90 - 110	P	02/06/2025	16:55	LB134616
	Calcium	237000	250000	95	90 - 110	P	02/06/2025	16:55	LB134616
	Chromium	515	500	103	90 - 110	P	02/06/2025	16:55	LB134616
	Cobalt	502	500	100	90 - 110	P	02/06/2025	16:55	LB134616
	Copper	4800	5000	96	90 - 110	P	02/06/2025	16:55	LB134616
	Iron	121000	125000	96	90 - 110	P	02/06/2025	16:55	LB134616
	Lead	2610	2500	104	90 - 110	P	02/06/2025	16:55	LB134616
	Magnesium	241000	250000	96	90 - 110	P	02/06/2025	16:55	LB134616
	Manganese	4950	5000	99	90 - 110	P	02/06/2025	16:55	LB134616
	Nickel	459	500	92	90 - 110	P	02/06/2025	16:55	LB134616
	Potassium	120000	125000	96	90 - 110	P	02/06/2025	16:55	LB134616
	Selenium	492	500	98	90 - 110	P	02/06/2025	16:55	LB134616
	Silver	483	500	97	90 - 110	P	02/06/2025	16:55	LB134616
	Sodium	245000	250000	98	90 - 110	P	02/06/2025	16:55	LB134616
	Thallium	519	500	104	90 - 110	P	02/06/2025	16:55	LB134616
	Vanadium	516	500	103	90 - 110	P	02/06/2025	16:55	LB134616
	Zinc	4820	5000	96	90 - 110	P	02/06/2025	16:55	LB134616

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Weston Solutions SDG No.: Q1201
Contract: WEST04 Lab Code: CHEM Case No.: Q1201 SAS No.: Q1201
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
LLCCV	Aluminum	19.1	20.0	95	80 - 120	P	02/06/2025	16:58	LB134616
	Antimony	2.16	2.0	108	80 - 120	P	02/06/2025	16:58	LB134616
	Arsenic	1.07	1.0	107	80 - 120	P	02/06/2025	16:58	LB134616
	Barium	10.0	10.0	100	80 - 120	P	02/06/2025	16:58	LB134616
	Beryllium	1.12	1.0	112	80 - 120	P	02/06/2025	16:58	LB134616
	Cadmium	1.06	1.0	106	80 - 120	P	02/06/2025	16:58	LB134616
	Calcium	480	500	96	80 - 120	P	02/06/2025	16:58	LB134616
	Chromium	1.80	2.0	90	80 - 120	P	02/06/2025	16:58	LB134616
	Cobalt	1.08	1.0	108	80 - 120	P	02/06/2025	16:58	LB134616
	Copper	2.24	2.0	112	80 - 120	P	02/06/2025	16:58	LB134616
	Iron	50.9	50.0	102	80 - 120	P	02/06/2025	16:58	LB134616
	Lead	1.18	1.0	118	80 - 120	P	02/06/2025	16:58	LB134616
	Magnesium	502	500	100	80 - 120	P	02/06/2025	16:58	LB134616
	Manganese	1.04	1.0	104	80 - 120	P	02/06/2025	16:58	LB134616
	Nickel	1.21	1.0	121	80 - 120	P	02/06/2025	16:58	LB134616
	Potassium	495	500	99	80 - 120	P	02/06/2025	16:58	LB134616
	Selenium	5.08	5.0	102	80 - 120	P	02/06/2025	16:58	LB134616
	Silver	1.03	1.0	103	80 - 120	P	02/06/2025	16:58	LB134616
	Sodium	536	500	107	80 - 120	P	02/06/2025	16:58	LB134616
	Thallium	1.00	1.0	100	80 - 120	P	02/06/2025	16:58	LB134616
	Vanadium	5.03	5.0	101	80 - 120	P	02/06/2025	16:58	LB134616
	Zinc	4.90	5.0	98	80 - 120	P	02/06/2025	16:58	LB134616

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Weston Solutions SDG No.: Q1201
Contract: WEST04 Lab Code: CHEM Case No.: Q1201 SAS No.: Q1201
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
CCV05	Aluminum	49100	50000	98	90 - 110	P	02/06/2025	17:39	LB134616
	Antimony	495	500	99	90 - 110	P	02/06/2025	17:39	LB134616
	Arsenic	503	500	100	90 - 110	P	02/06/2025	17:39	LB134616
	Barium	2490	2500	100	90 - 110	P	02/06/2025	17:39	LB134616
	Beryllium	483	500	97	90 - 110	P	02/06/2025	17:39	LB134616
	Cadmium	489	500	98	90 - 110	P	02/06/2025	17:39	LB134616
	Calcium	232000	250000	93	90 - 110	P	02/06/2025	17:39	LB134616
	Chromium	514	500	103	90 - 110	P	02/06/2025	17:39	LB134616
	Cobalt	498	500	100	90 - 110	P	02/06/2025	17:39	LB134616
	Copper	4820	5000	96	90 - 110	P	02/06/2025	17:39	LB134616
	Iron	122000	125000	98	90 - 110	P	02/06/2025	17:39	LB134616
	Lead	2510	2500	100	90 - 110	P	02/06/2025	17:39	LB134616
	Magnesium	244000	250000	98	90 - 110	P	02/06/2025	17:39	LB134616
	Manganese	4990	5000	100	90 - 110	P	02/06/2025	17:39	LB134616
	Nickel	464	500	93	90 - 110	P	02/06/2025	17:39	LB134616
	Potassium	122000	125000	97	90 - 110	P	02/06/2025	17:39	LB134616
	Selenium	470	500	94	90 - 110	P	02/06/2025	17:39	LB134616
	Silver	477	500	96	90 - 110	P	02/06/2025	17:39	LB134616
	Sodium	247000	250000	99	90 - 110	P	02/06/2025	17:39	LB134616
	Thallium	504	500	101	90 - 110	P	02/06/2025	17:39	LB134616
	Vanadium	513	500	103	90 - 110	P	02/06/2025	17:39	LB134616
	Zinc	4780	5000	96	90 - 110	P	02/06/2025	17:39	LB134616
CCV06	Aluminum	47400	50000	95	90 - 110	P	02/06/2025	18:14	LB134616
	Antimony	503	500	101	90 - 110	P	02/06/2025	18:14	LB134616
	Arsenic	491	500	98	90 - 110	P	02/06/2025	18:14	LB134616
	Barium	2540	2500	102	90 - 110	P	02/06/2025	18:14	LB134616
	Beryllium	493	500	98	90 - 110	P	02/06/2025	18:14	LB134616
	Cadmium	495	500	99	90 - 110	P	02/06/2025	18:14	LB134616
	Calcium	235000	250000	94	90 - 110	P	02/06/2025	18:14	LB134616
	Chromium	492	500	98	90 - 110	P	02/06/2025	18:14	LB134616
	Cobalt	485	500	97	90 - 110	P	02/06/2025	18:14	LB134616
	Copper	4670	5000	94	90 - 110	P	02/06/2025	18:14	LB134616
	Iron	119000	125000	95	90 - 110	P	02/06/2025	18:14	LB134616
	Lead	2560	2500	102	90 - 110	P	02/06/2025	18:14	LB134616

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Weston Solutions **SDG No.:** Q1201
Contract: WEST04 **Lab Code:** CHEM **Case No.:** Q1201 **SAS No.:** Q1201
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
CCV06	Magnesium	239000	250000	96	90 - 110	P	02/06/2025	18:14	LB134616
	Manganese	4820	5000	96	90 - 110	P	02/06/2025	18:14	LB134616
	Nickel	451	500	90	90 - 110	P	02/06/2025	18:14	LB134616
	Potassium	118000	125000	95	90 - 110	P	02/06/2025	18:14	LB134616
	Selenium	478	500	96	90 - 110	P	02/06/2025	18:14	LB134616
	Silver	485	500	97	90 - 110	P	02/06/2025	18:14	LB134616
	Sodium	240000	250000	96	90 - 110	P	02/06/2025	18:14	LB134616
	Thallium	513	500	103	90 - 110	P	02/06/2025	18:14	LB134616
	Vanadium	498	500	100	90 - 110	P	02/06/2025	18:14	LB134616
	Zinc	4720	5000	94	90 - 110	P	02/06/2025	18:14	LB134616
CCV07	Aluminum	49200	50000	98	90 - 110	P	02/06/2025	18:52	LB134616
	Antimony	486	500	97	90 - 110	P	02/06/2025	18:52	LB134616
	Arsenic	511	500	102	90 - 110	P	02/06/2025	18:52	LB134616
	Barium	2450	2500	98	90 - 110	P	02/06/2025	18:52	LB134616
	Beryllium	471	500	94	90 - 110	P	02/06/2025	18:52	LB134616
	Cadmium	482	500	96	90 - 110	P	02/06/2025	18:52	LB134616
	Calcium	227000	250000	91	90 - 110	P	02/06/2025	18:52	LB134616
	Chromium	512	500	102	90 - 110	P	02/06/2025	18:52	LB134616
	Cobalt	502	500	100	90 - 110	P	02/06/2025	18:52	LB134616
	Copper	4760	5000	95	90 - 110	P	02/06/2025	18:52	LB134616
	Iron	123000	125000	98	90 - 110	P	02/06/2025	18:52	LB134616
	Lead	2460	2500	98	90 - 110	P	02/06/2025	18:52	LB134616
	Magnesium	246000	250000	98	90 - 110	P	02/06/2025	18:52	LB134616
	Manganese	4980	5000	100	90 - 110	P	02/06/2025	18:52	LB134616
	Nickel	463	500	93	90 - 110	P	02/06/2025	18:52	LB134616
	Potassium	122000	125000	98	90 - 110	P	02/06/2025	18:52	LB134616
	Selenium	467	500	94	90 - 110	P	02/06/2025	18:52	LB134616
	Silver	473	500	95	90 - 110	P	02/06/2025	18:52	LB134616
	Sodium	249000	250000	100	90 - 110	P	02/06/2025	18:52	LB134616
	Thallium	499	500	100	90 - 110	P	02/06/2025	18:52	LB134616
	Vanadium	515	500	103	90 - 110	P	02/06/2025	18:52	LB134616
	Zinc	4810	5000	96	90 - 110	P	02/06/2025	18:52	LB134616



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: Weston Solutions SDG No.: Q1201
Contract: WEST04 Lab Code: CHEM Case No.: Q1201 SAS No.: Q1201
Initial Calibration Source: _____
Continuing Calibration Source: _____

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRA	Mercury	0.20	0.2	99	40 - 160	CV	02/06/2025	12:01	LB134599
CRI	Aluminum	19.0	20.0	95	70 - 130	P	02/06/2025	17:05	LB134616
	Antimony	2.07	2.0	104	70 - 130	P	02/06/2025	17:05	LB134616
	Arsenic	1.06	1.0	106	70 - 130	P	02/06/2025	17:05	LB134616
	Barium	10.1	10.0	101	70 - 130	P	02/06/2025	17:05	LB134616
	Beryllium	1.03	1.0	103	70 - 130	P	02/06/2025	17:05	LB134616
	Cadmium	1.10	1.0	110	70 - 130	P	02/06/2025	17:05	LB134616
	Calcium	475	500	95	70 - 130	P	02/06/2025	17:05	LB134616
	Chromium	1.90	2.0	95	70 - 130	P	02/06/2025	17:05	LB134616
	Cobalt	1.09	1.0	109	50 - 150	P	02/06/2025	17:05	LB134616
	Copper	2.14	2.0	107	70 - 130	P	02/06/2025	17:05	LB134616
	Iron	49.2	50.0	98	70 - 130	P	02/06/2025	17:05	LB134616
	Lead	1.00	1.0	100	70 - 130	P	02/06/2025	17:05	LB134616
	Magnesium	495	500	99	70 - 130	P	02/06/2025	17:05	LB134616
	Manganese	0.99	1.0	99	50 - 150	P	02/06/2025	17:05	LB134616
	Nickel	1.27	1.0	127	70 - 130	P	02/06/2025	17:05	LB134616
	Potassium	494	500	99	70 - 130	P	02/06/2025	17:05	LB134616
	Selenium	5.03	5.0	101	70 - 130	P	02/06/2025	17:05	LB134616
	Silver	1.00	1.0	100	70 - 130	P	02/06/2025	17:05	LB134616
	Sodium	521	500	104	70 - 130	P	02/06/2025	17:05	LB134616
	Thallium	0.97	1.0	97	70 - 130	P	02/06/2025	17:05	LB134616
	Vanadium	4.96	5.0	99	70 - 130	P	02/06/2025	17:05	LB134616
	Zinc	4.66	5.0	93	50 - 150	P	02/06/2025	17:05	LB134616



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:	<u>Weston Solutions</u>				SDG No.:	<u>Q1201</u>				
Contract:	<u>WEST04</u>	Lab Code:	<u>CHEM</u>	Case No.:	<u>Q1201</u>	SAS No.:	<u>Q1201</u>			
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB88	Mercury	0.20	+/-0.20	U	0.16	0.20	CV	02/06/2025	11:55	LB134599

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Weston Solutions

SDG No.: Q1201

Contract: WEST04

Lab Code: CHEM

Case No.: Q1201

SAS No.: Q1201

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB30	Mercury	0.20	+/-0.20	U	0.16	0.20	CV	02/06/2025	11:59	LB134599
CCB31	Mercury	0.20	+/-0.20	U	0.16	0.20	CV	02/06/2025	12:30	LB134599
CCB32	Mercury	0.20	+/-0.20	U	0.16	0.20	CV	02/06/2025	13:01	LB134599

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Weston Solutions SDG No.: Q1201
Contract: WEST04 Lab Code: CHEM Case No.: Q1201 SAS No.: Q1201

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Aluminum	20.0	+/-20.0	U	10.0	20.0	P	02/06/2025	12:50	LB134616
	Antimony	2.00	+/-2.00	U	0.25	2.00	P	02/06/2025	12:50	LB134616
	Arsenic	1.00	+/-1.00	U	0.25	1.00	P	02/06/2025	12:50	LB134616
	Barium	10.0	+/-10.0	U	1.25	10.0	P	02/06/2025	12:50	LB134616
	Beryllium	1.00	+/-1.00	U	0.25	1.00	P	02/06/2025	12:50	LB134616
	Cadmium	1.00	+/-1.00	U	0.50	1.00	P	02/06/2025	12:50	LB134616
	Calcium	500	+/-500	U	190	500	P	02/06/2025	12:50	LB134616
	Chromium	2.00	+/-2.00	U	0.75	2.00	P	02/06/2025	12:50	LB134616
	Cobalt	1.00	+/-1.00	U	0.25	1.00	P	02/06/2025	12:50	LB134616
	Copper	2.00	+/-2.00	U	1.50	2.00	P	02/06/2025	12:50	LB134616
	Iron	50.0	+/-50.0	U	25.0	50.0	P	02/06/2025	12:50	LB134616
	Lead	0.14	+/-1.00	J	0.75	1.00	P	02/06/2025	12:50	LB134616
	Magnesium	500	+/-500	U	190	500	P	02/06/2025	12:50	LB134616
	Manganese	1.00	+/-1.00	U	0.75	1.00	P	02/06/2025	12:50	LB134616
	Nickel	1.00	+/-1.00	U	0.25	1.00	P	02/06/2025	12:50	LB134616
	Potassium	500	+/-500	U	190	500	P	02/06/2025	12:50	LB134616
	Selenium	5.00	+/-5.00	U	4.50	5.00	P	02/06/2025	12:50	LB134616
	Silver	1.00	+/-1.00	U	0.50	1.00	P	02/06/2025	12:50	LB134616
	Sodium	500	+/-500	U	190	500	P	02/06/2025	12:50	LB134616
	Thallium	1.00	+/-1.00	U	0.50	1.00	P	02/06/2025	12:50	LB134616
	Vanadium	5.00	+/-5.00	U	0.25	5.00	P	02/06/2025	12:50	LB134616
	Zinc	5.00	+/-5.00	U	1.50	5.00	P	02/06/2025	12:50	LB134616

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: <u>Weston Solutions</u>		SDG No.: <u>Q1201</u>								
Contract: <u>WEST04</u>	Lab Code: <u>CHEM</u>	Case No.: <u>Q1201</u>	SAS No.: <u>Q1201</u>							
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	20.0	+/-20.0	U	10.0	20.0	P	02/06/2025	13:07	LB134616
	Antimony	2.00	+/-2.00	U	0.25	2.00	P	02/06/2025	13:07	LB134616
	Arsenic	1.00	+/-1.00	U	0.25	1.00	P	02/06/2025	13:07	LB134616
	Barium	10.0	+/-10.0	U	1.25	10.0	P	02/06/2025	13:07	LB134616
	Beryllium	1.00	+/-1.00	U	0.25	1.00	P	02/06/2025	13:07	LB134616
	Cadmium	1.00	+/-1.00	U	0.50	1.00	P	02/06/2025	13:07	LB134616
	Calcium	500	+/-500	U	190	500	P	02/06/2025	13:07	LB134616
	Chromium	2.00	+/-2.00	U	0.75	2.00	P	02/06/2025	13:07	LB134616
	Cobalt	1.00	+/-1.00	U	0.25	1.00	P	02/06/2025	13:07	LB134616
	Copper	2.00	+/-2.00	U	1.50	2.00	P	02/06/2025	13:07	LB134616
	Iron	50.0	+/-50.0	U	25.0	50.0	P	02/06/2025	13:07	LB134616
	Lead	0.17	+/-1.00	J	0.75	1.00	P	02/06/2025	13:07	LB134616
	Magnesium	500	+/-500	U	190	500	P	02/06/2025	13:07	LB134616
	Manganese	1.00	+/-1.00	U	0.75	1.00	P	02/06/2025	13:07	LB134616
	Nickel	1.00	+/-1.00	U	0.25	1.00	P	02/06/2025	13:07	LB134616
	Potassium	500	+/-500	U	190	500	P	02/06/2025	13:07	LB134616
	Selenium	5.00	+/-5.00	U	4.50	5.00	P	02/06/2025	13:07	LB134616
	Silver	1.00	+/-1.00	U	0.50	1.00	P	02/06/2025	13:07	LB134616
	Sodium	500	+/-500	U	190	500	P	02/06/2025	13:07	LB134616
	Thallium	1.00	+/-1.00	U	0.50	1.00	P	02/06/2025	13:07	LB134616
	Vanadium	5.00	+/-5.00	U	0.25	5.00	P	02/06/2025	13:07	LB134616
	Zinc	5.00	+/-5.00	U	1.50	5.00	P	02/06/2025	13:07	LB134616
CCB02	Aluminum	20.0	+/-20.0	U	10.0	20.0	P	02/06/2025	14:40	LB134616
	Antimony	0.14	+/-2.00	J	0.25	2.00	P	02/06/2025	14:40	LB134616
	Arsenic	1.00	+/-1.00	U	0.25	1.00	P	02/06/2025	14:40	LB134616
	Barium	10.0	+/-10.0	U	1.25	10.0	P	02/06/2025	14:40	LB134616
	Beryllium	1.00	+/-1.00	U	0.25	1.00	P	02/06/2025	14:40	LB134616
	Cadmium	1.00	+/-1.00	U	0.50	1.00	P	02/06/2025	14:40	LB134616
	Calcium	500	+/-500	U	190	500	P	02/06/2025	14:40	LB134616
	Chromium	2.00	+/-2.00	U	0.75	2.00	P	02/06/2025	14:40	LB134616
	Cobalt	1.00	+/-1.00	U	0.25	1.00	P	02/06/2025	14:40	LB134616
	Copper	2.00	+/-2.00	U	1.50	2.00	P	02/06/2025	14:40	LB134616
	Iron	50.0	+/-50.0	U	25.0	50.0	P	02/06/2025	14:40	LB134616
	Lead	0.29	+/-1.00	J	0.75	1.00	P	02/06/2025	14:40	LB134616
	Magnesium	500	+/-500	U	190	500	P	02/06/2025	14:40	LB134616
	Manganese	1.00	+/-1.00	U	0.75	1.00	P	02/06/2025	14:40	LB134616
	Nickel	1.00	+/-1.00	U	0.25	1.00	P	02/06/2025	14:40	LB134616
	Potassium	500	+/-500	U	190	500	P	02/06/2025	14:40	LB134616
	Selenium	5.00	+/-5.00	U	4.50	5.00	P	02/06/2025	14:40	LB134616

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: <u>Weston Solutions</u>		SDG No.: <u>Q1201</u>								
Contract: <u>WEST04</u>	Lab Code: <u>CHEM</u>	Case No.: <u>Q1201</u>	SAS No.: <u>Q1201</u>							
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB02	Silver	1.00	+/-1.00	U	0.50	1.00	P	02/06/2025	14:40	LB134616
	Sodium	500	+/-500	U	190	500	P	02/06/2025	14:40	LB134616
	Thallium	1.00	+/-1.00	U	0.50	1.00	P	02/06/2025	14:40	LB134616
	Vanadium	5.00	+/-5.00	U	0.25	5.00	P	02/06/2025	14:40	LB134616
	Zinc	5.00	+/-5.00	U	1.50	5.00	P	02/06/2025	14:40	LB134616
CCB03	Aluminum	20.0	+/-20.0	U	10.0	20.0	P	02/06/2025	16:19	LB134616
	Antimony	0.14	+/-2.00	J	0.25	2.00	P	02/06/2025	16:19	LB134616
	Arsenic	1.00	+/-1.00	U	0.25	1.00	P	02/06/2025	16:19	LB134616
	Barium	10.0	+/-10.0	U	1.25	10.0	P	02/06/2025	16:19	LB134616
	Beryllium	1.00	+/-1.00	U	0.25	1.00	P	02/06/2025	16:19	LB134616
	Cadmium	1.00	+/-1.00	U	0.50	1.00	P	02/06/2025	16:19	LB134616
	Calcium	500	+/-500	U	190	500	P	02/06/2025	16:19	LB134616
	Chromium	2.00	+/-2.00	U	0.75	2.00	P	02/06/2025	16:19	LB134616
	Cobalt	1.00	+/-1.00	U	0.25	1.00	P	02/06/2025	16:19	LB134616
	Copper	2.00	+/-2.00	U	1.50	2.00	P	02/06/2025	16:19	LB134616
	Iron	50.0	+/-50.0	U	25.0	50.0	P	02/06/2025	16:19	LB134616
	Lead	0.26	+/-1.00	J	0.75	1.00	P	02/06/2025	16:19	LB134616
	Magnesium	500	+/-500	U	190	500	P	02/06/2025	16:19	LB134616
	Manganese	1.00	+/-1.00	U	0.75	1.00	P	02/06/2025	16:19	LB134616
	Nickel	1.00	+/-1.00	U	0.25	1.00	P	02/06/2025	16:19	LB134616
	Potassium	500	+/-500	U	190	500	P	02/06/2025	16:19	LB134616
	Selenium	5.00	+/-5.00	U	4.50	5.00	P	02/06/2025	16:19	LB134616
	Silver	1.00	+/-1.00	U	0.50	1.00	P	02/06/2025	16:19	LB134616
	Sodium	500	+/-500	U	190	500	P	02/06/2025	16:19	LB134616
	Thallium	1.00	+/-1.00	U	0.50	1.00	P	02/06/2025	16:19	LB134616
	Vanadium	5.00	+/-5.00	U	0.25	5.00	P	02/06/2025	16:19	LB134616
	Zinc	5.00	+/-5.00	U	1.50	5.00	P	02/06/2025	16:19	LB134616
CCB04	Aluminum	20.0	+/-20.0	U	10.0	20.0	P	02/06/2025	17:02	LB134616
	Antimony	2.00	+/-2.00	U	0.25	2.00	P	02/06/2025	17:02	LB134616
	Arsenic	1.00	+/-1.00	U	0.25	1.00	P	02/06/2025	17:02	LB134616
	Barium	10.0	+/-10.0	U	1.25	10.0	P	02/06/2025	17:02	LB134616
	Beryllium	1.00	+/-1.00	U	0.25	1.00	P	02/06/2025	17:02	LB134616
	Cadmium	1.00	+/-1.00	U	0.50	1.00	P	02/06/2025	17:02	LB134616
	Calcium	500	+/-500	U	190	500	P	02/06/2025	17:02	LB134616
	Chromium	2.00	+/-2.00	U	0.75	2.00	P	02/06/2025	17:02	LB134616
	Cobalt	1.00	+/-1.00	U	0.25	1.00	P	02/06/2025	17:02	LB134616
	Copper	2.00	+/-2.00	U	1.50	2.00	P	02/06/2025	17:02	LB134616
	Iron	50.0	+/-50.0	U	25.0	50.0	P	02/06/2025	17:02	LB134616
	Lead	1.00	+/-1.00	U	0.75	1.00	P	02/06/2025	17:02	LB134616

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: <u>Weston Solutions</u>		SDG No.: <u>Q1201</u>								
Contract: <u>WEST04</u>	Lab Code: <u>CHEM</u>	Case No.: <u>Q1201</u>	SAS No.: <u>Q1201</u>							
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB04	Magnesium	500	+/-500	U	190	500	P	02/06/2025	17:02	LB134616
	Manganese	1.00	+/-1.00	U	0.75	1.00	P	02/06/2025	17:02	LB134616
	Nickel	0.25	+/-1.00	J	0.25	1.00	P	02/06/2025	17:02	LB134616
	Potassium	500	+/-500	U	190	500	P	02/06/2025	17:02	LB134616
	Selenium	5.00	+/-5.00	U	4.50	5.00	P	02/06/2025	17:02	LB134616
	Silver	1.00	+/-1.00	U	0.50	1.00	P	02/06/2025	17:02	LB134616
	Sodium	500	+/-500	U	190	500	P	02/06/2025	17:02	LB134616
	Thallium	1.00	+/-1.00	U	0.50	1.00	P	02/06/2025	17:02	LB134616
	Vanadium	5.00	+/-5.00	U	0.25	5.00	P	02/06/2025	17:02	LB134616
	Zinc	5.00	+/-5.00	U	1.50	5.00	P	02/06/2025	17:02	LB134616
CCB05	Aluminum	20.0	+/-20.0	U	10.0	20.0	P	02/06/2025	17:42	LB134616
	Antimony	0.14	+/-2.00	J	0.25	2.00	P	02/06/2025	17:42	LB134616
	Arsenic	1.00	+/-1.00	U	0.25	1.00	P	02/06/2025	17:42	LB134616
	Barium	10.0	+/-10.0	U	1.25	10.0	P	02/06/2025	17:42	LB134616
	Beryllium	0.20	+/-1.00	J	0.25	1.00	P	02/06/2025	17:42	LB134616
	Cadmium	1.00	+/-1.00	U	0.50	1.00	P	02/06/2025	17:42	LB134616
	Calcium	500	+/-500	U	190	500	P	02/06/2025	17:42	LB134616
	Chromium	2.00	+/-2.00	U	0.75	2.00	P	02/06/2025	17:42	LB134616
	Cobalt	1.00	+/-1.00	U	0.25	1.00	P	02/06/2025	17:42	LB134616
	Copper	2.00	+/-2.00	U	1.50	2.00	P	02/06/2025	17:42	LB134616
	Iron	50.0	+/-50.0	U	25.0	50.0	P	02/06/2025	17:42	LB134616
	Lead	0.28	+/-1.00	J	0.75	1.00	P	02/06/2025	17:42	LB134616
	Magnesium	500	+/-500	U	190	500	P	02/06/2025	17:42	LB134616
	Manganese	1.00	+/-1.00	U	0.75	1.00	P	02/06/2025	17:42	LB134616
	Nickel	0.34	+/-1.00	J	0.25	1.00	P	02/06/2025	17:42	LB134616
	Potassium	500	+/-500	U	190	500	P	02/06/2025	17:42	LB134616
	Selenium	5.00	+/-5.00	U	4.50	5.00	P	02/06/2025	17:42	LB134616
	Silver	1.00	+/-1.00	U	0.50	1.00	P	02/06/2025	17:42	LB134616
	Sodium	500	+/-500	U	190	500	P	02/06/2025	17:42	LB134616
	Thallium	1.00	+/-1.00	U	0.50	1.00	P	02/06/2025	17:42	LB134616
CCB06	Vanadium	5.00	+/-5.00	U	0.25	5.00	P	02/06/2025	17:42	LB134616
	Zinc	5.00	+/-5.00	U	1.50	5.00	P	02/06/2025	17:42	LB134616
	Aluminum	20.0	+/-20.0	U	10.0	20.0	P	02/06/2025	18:18	LB134616
	Antimony	2.00	+/-2.00	U	0.25	2.00	P	02/06/2025	18:18	LB134616
	Arsenic	1.00	+/-1.00	U	0.25	1.00	P	02/06/2025	18:18	LB134616
	Barium	10.0	+/-10.0	U	1.25	10.0	P	02/06/2025	18:18	LB134616
	Beryllium	0.27	+/-1.00	J	0.25	1.00	P	02/06/2025	18:18	LB134616
	Cadmium	1.00	+/-1.00	U	0.50	1.00	P	02/06/2025	18:18	LB134616
	Calcium	500	+/-500	U	190	500	P	02/06/2025	18:18	LB134616

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: <u>Weston Solutions</u>		SDG No.: <u>Q1201</u>								
Contract: <u>WEST04</u>	Lab Code: <u>CHEM</u>	Case No.: <u>Q1201</u>	SAS No.: <u>Q1201</u>							
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB06	Chromium	2.00	+/-2.00	U	0.75	2.00	P	02/06/2025	18:18	LB134616
	Cobalt	1.00	+/-1.00	U	0.25	1.00	P	02/06/2025	18:18	LB134616
	Copper	2.00	+/-2.00	U	1.50	2.00	P	02/06/2025	18:18	LB134616
	Iron	50.0	+/-50.0	U	25.0	50.0	P	02/06/2025	18:18	LB134616
	Lead	0.23	+/-1.00	J	0.75	1.00	P	02/06/2025	18:18	LB134616
	Magnesium	500	+/-500	U	190	500	P	02/06/2025	18:18	LB134616
	Manganese	1.00	+/-1.00	U	0.75	1.00	P	02/06/2025	18:18	LB134616
	Nickel	0.40	+/-1.00	J	0.25	1.00	P	02/06/2025	18:18	LB134616
	Potassium	500	+/-500	U	190	500	P	02/06/2025	18:18	LB134616
	Selenium	5.00	+/-5.00	U	4.50	5.00	P	02/06/2025	18:18	LB134616
	Silver	1.00	+/-1.00	U	0.50	1.00	P	02/06/2025	18:18	LB134616
	Sodium	500	+/-500	U	190	500	P	02/06/2025	18:18	LB134616
	Thallium	1.00	+/-1.00	U	0.50	1.00	P	02/06/2025	18:18	LB134616
	Vanadium	5.00	+/-5.00	U	0.25	5.00	P	02/06/2025	18:18	LB134616
	Zinc	5.00	+/-5.00	U	1.50	5.00	P	02/06/2025	18:18	LB134616
CCB07	Aluminum	20.0	+/-20.0	U	10.0	20.0	P	02/06/2025	18:58	LB134616
	Antimony	2.00	+/-2.00	U	0.25	2.00	P	02/06/2025	18:58	LB134616
	Arsenic	1.00	+/-1.00	U	0.25	1.00	P	02/06/2025	18:58	LB134616
	Barium	10.0	+/-10.0	U	1.25	10.0	P	02/06/2025	18:58	LB134616
	Beryllium	0.21	+/-1.00	J	0.25	1.00	P	02/06/2025	18:58	LB134616
	Cadmium	1.00	+/-1.00	U	0.50	1.00	P	02/06/2025	18:58	LB134616
	Calcium	500	+/-500	U	190	500	P	02/06/2025	18:58	LB134616
	Chromium	2.00	+/-2.00	U	0.75	2.00	P	02/06/2025	18:58	LB134616
	Cobalt	1.00	+/-1.00	U	0.25	1.00	P	02/06/2025	18:58	LB134616
	Copper	2.00	+/-2.00	U	1.50	2.00	P	02/06/2025	18:58	LB134616
	Iron	50.0	+/-50.0	U	25.0	50.0	P	02/06/2025	18:58	LB134616
	Lead	0.19	+/-1.00	J	0.75	1.00	P	02/06/2025	18:58	LB134616
	Magnesium	500	+/-500	U	190	500	P	02/06/2025	18:58	LB134616
	Manganese	1.00	+/-1.00	U	0.75	1.00	P	02/06/2025	18:58	LB134616
	Nickel	0.42	+/-1.00	J	0.25	1.00	P	02/06/2025	18:58	LB134616
	Potassium	500	+/-500	U	190	500	P	02/06/2025	18:58	LB134616
	Selenium	5.00	+/-5.00	U	4.50	5.00	P	02/06/2025	18:58	LB134616
	Silver	1.00	+/-1.00	U	0.50	1.00	P	02/06/2025	18:58	LB134616
	Sodium	500	+/-500	U	190	500	P	02/06/2025	18:58	LB134616
	Thallium	1.00	+/-1.00	U	0.50	1.00	P	02/06/2025	18:58	LB134616
	Vanadium	5.00	+/-5.00	U	0.25	5.00	P	02/06/2025	18:58	LB134616
	Zinc	5.00	+/-5.00	U	1.50	5.00	P	02/06/2025	18:58	LB134616

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Weston Solutions

SDG No.: Q1201

Instrument: CV1

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	LOD ug/L	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB166596BL		WATER		Batch Number:		PB166596		Prep Date:	02/06/2025	
	Mercury	0.20	<0.20	U	0.16	0.20	CV	02/06/2025	12:49	LB134599

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Weston Solutions

SDG No.: Q1201

Instrument: P8

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	LOD ug/L	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB166378BL	WATER			Batch Number:		PB166378		Prep Date:	01/30/2025	
	Aluminum	10.0	<10.0	U	5.00	10.0	P	02/06/2025	18:21	LB134616
	Antimony	1.00	<1.00	U	0.13	1.00	P	02/06/2025	18:21	LB134616
	Arsenic	0.50	<0.50	U	0.13	0.50	P	02/06/2025	18:21	LB134616
	Barium	5.00	<5.00	U	0.63	5.00	P	02/06/2025	18:21	LB134616
	Beryllium	0.080	<0.50	J	0.13	0.50	P	02/06/2025	18:21	LB134616
	Cadmium	0.50	<0.50	U	0.25	0.50	P	02/06/2025	18:21	LB134616
	Calcium	250	<250	U	95.0	250	P	02/06/2025	18:21	LB134616
	Chromium	1.00	<1.00	U	0.38	1.00	P	02/06/2025	18:21	LB134616
	Cobalt	0.50	<0.50	U	0.13	0.50	P	02/06/2025	18:21	LB134616
	Copper	1.00	<1.00	U	0.75	1.00	P	02/06/2025	18:21	LB134616
	Iron	25.0	<25.0	U	12.5	25.0	P	02/06/2025	18:21	LB134616
	Lead	0.070	<0.50	J	0.38	0.50	P	02/06/2025	18:21	LB134616
	Magnesium	250	<250	U	95.0	250	P	02/06/2025	18:21	LB134616
	Manganese	0.50	<0.50	U	0.38	0.50	P	02/06/2025	18:21	LB134616
	Nickel	0.14	<0.50	J	0.13	0.50	P	02/06/2025	18:21	LB134616
	Potassium	250	<250	U	95.0	250	P	02/06/2025	18:21	LB134616
	Selenium	2.50	<2.50	U	2.25	2.50	P	02/06/2025	18:21	LB134616
	Silver	0.50	<0.50	U	0.25	0.50	P	02/06/2025	18:21	LB134616
	Sodium	250	<250	U	95.0	250	P	02/06/2025	18:21	LB134616
	Thallium	0.50	<0.50	U	0.25	0.50	P	02/06/2025	18:21	LB134616
	Vanadium	2.50	<2.50	U	0.13	2.50	P	02/06/2025	18:21	LB134616
	Zinc	0.45	<2.50	J	0.75	2.50	P	02/06/2025	18:21	LB134616

Metals
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INTERFERENCE CHECK SAMPLE

Client: Weston Solutions **SDG No.:** Q1201
Contract: WEST04 **Lab Code:** CHEM **Case No.:** Q1201 **SAS No.:** Q1201
ICS Source: EPA **Instrument ID:** P8

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	88600	100000	89	0	0	02/06/2025	12:54	LB134616
	Antimony	1.08	1.5	72	-2.5	5.5	02/06/2025	12:54	LB134616
	Arsenic	0.30	0.1	300	-1.9	2.1	02/06/2025	12:54	LB134616
	Barium	1.32	1.2	110	-18.8	21.2	02/06/2025	12:54	LB134616
	Beryllium	0.32			-2	2	02/06/2025	12:54	LB134616
	Cadmium	0.46	0.7	66	-1.3	2.7	02/06/2025	12:54	LB134616
	Calcium	92500	100000	92	0	0	02/06/2025	12:54	LB134616
	Chromium	19.3	21.0	92	17	25	02/06/2025	12:54	LB134616
	Cobalt	1.17	1.0	117	-1	3	02/06/2025	12:54	LB134616
	Copper	7.90	8.0	99	4	12	02/06/2025	12:54	LB134616
	Iron	99300	100000	99	0	0	02/06/2025	12:54	LB134616
	Lead	4.29	4.0	107	2	6	02/06/2025	12:54	LB134616
	Magnesium	92000	100000	92	0	0	02/06/2025	12:54	LB134616
	Manganese	7.47	7.0	107	5	9	02/06/2025	12:54	LB134616
	Nickel	5.05	6.0	84	4	8	02/06/2025	12:54	LB134616
	Potassium	94500	100000	94	0	0	02/06/2025	12:54	LB134616
	Selenium	0	0.3		-9.7	10	02/06/2025	12:54	LB134616
	Silver	0.070			-2	2	02/06/2025	12:54	LB134616
	Sodium	96800	100000	97	0	0	02/06/2025	12:54	LB134616
	Thallium	0.090			-2	2	02/06/2025	12:54	LB134616
	Vanadium	0.16	0.5	32	-9.5	10.5	02/06/2025	12:54	LB134616
	Zinc	11.0	11.0	100	7	15	02/06/2025	12:54	LB134616
ICSAB01	Aluminum	89800	100000	90	0	0	02/06/2025	12:57	LB134616
	Antimony	21.4	22.0	97	18	26	02/06/2025	12:57	LB134616
	Arsenic	21.6	19.0	114	16.2	21.9	02/06/2025	12:57	LB134616
	Barium	21.7	22.0	99	2	42	02/06/2025	12:57	LB134616
	Beryllium	21.3	19.0	112	16.2	21.9	02/06/2025	12:57	LB134616
	Cadmium	20.0	20.0	100	17	23	02/06/2025	12:57	LB134616
	Calcium	97300	100000	97	0	0	02/06/2025	12:57	LB134616
	Chromium	39.5	40.0	99	34	46	02/06/2025	12:57	LB134616
	Cobalt	21.3	20.0	106	17	23	02/06/2025	12:57	LB134616
	Copper	28.2	25.0	113	21	29	02/06/2025	12:57	LB134616
	Iron	101000	100000	101	0	0	02/06/2025	12:57	LB134616
	Lead	24.6	25.0	98	21.3	28.8	02/06/2025	12:57	LB134616
	Magnesium	92300	100000	92	0	0	02/06/2025	12:57	LB134616
	Manganese	27.4	27.0	102	23	31.1	02/06/2025	12:57	LB134616
	Nickel	24.7	24.0	103	20.4	27.6	02/06/2025	12:57	LB134616
	Potassium	96500	100000	96	0	0	02/06/2025	12:57	LB134616
	Selenium	20.5	19.0	108	9	29	02/06/2025	12:57	LB134616
	Silver	18.9	18.0	105	15.3	20.7	02/06/2025	12:57	LB134616
	Sodium	98400	100000	98	0	0	02/06/2025	12:57	LB134616
	Thallium	21.0	21.0	100	17.9	24.2	02/06/2025	12:57	LB134616

Metals

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INTERFERENCE CHECK SAMPLE

Client: Weston Solutions **SDG No.:** Q1201
Contract: WEST04 **Lab Code:** CHEM **Case No.:** Q1201 **SAS No.:** Q1201
ICS Source: EPA **Instrument ID:** P8

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	Vanadium	19.8	19.0	104	9	29	02/06/2025	12:57	LB134616
	Zinc	31.0	29.0	107	25	33	02/06/2025	12:57	LB134616



METAL

QC

DATA

metals
- 5a -
MATRIX SPIKE SUMMARY

client: Weston Solutions **level:** low **sdg no.:** Q1201
contract: WEST04 **lab code:** CHEM **case no.:** Q1201 **sas no.:** Q1201
matrix: Water **sample id:** Q1201-01 **client id:** TAPHHA-MW12-012725-00-T2MS
Percent Solids for Sample: NA **Spiked ID:** Q1201-01MS **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	82 - 119	3.28		0.20	U	4.0	82		CV

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client:	<u>Weston Solutions</u>	level:	<u>low</u>	sdg no.:	<u>Q1201</u>		
contract:	<u>WEST04</u>	lab code:	<u>CHEM</u>	case no.:	<u>Q1201</u>	sas no.:	<u>Q1201</u>
matrix:	<u>Water</u>	sample id:	<u>Q1201-01</u>	client id:	<u>TAPHHA-MW12-012725-00-T2MSD</u>		
Percent Solids for Sample:	<u>NA</u>	Spiked ID:	<u>Q1201-01MSD</u>	Percent Solids for Spike Sample:	<u>NA</u>		

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	ug/L	82 - 119	3.13		0.20	U	4.0	78	N	CV

metals
- 5a -
MATRIX SPIKE SUMMARY

client: Weston Solutions **level:** low **sdg no.:** Q1201
contract: WEST04 **lab code:** CHEM **case no.:** Q1201 **sas no.:** Q1201
matrix: Water **sample id:** Q1211-02 **client id:** TAPIAL2-MW03-012825-00-T3MS
Percent Solids for Sample: NA **Spiked ID:** Q1211-02MS **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	ug/L	84 - 117	4120		93.0		5000	81	N	P
Antimony	ug/L	85 - 117	246		1.00	U	250	98		P
Arsenic	ug/L	84 - 116	2.14		2.26		250	0	N	P
Barium	ug/L	86 - 114	1110		20.4		1300	87		P
Beryllium	ug/L	83 - 121	232		0.080	J	250	93		P
Cadmium	ug/L	87 - 115	242		0.50	U	250	97		P
Calcium	ug/L	87 - 118	27900		6660		25000	85	N	P
Chromium	ug/L	85 - 116	231		0.60	J	250	92		P
Cobalt	ug/L	86 - 115	241		3.61		250	95		P
Copper	ug/L	85 - 118	2310		0.42	J	2500	92		P
Iron	ug/L	87 - 118	27000		18500		12500	67	N	P
Lead	ug/L	88 - 115	1180		0.17	J	1300	94		P
Magnesium	ug/L	83 - 118	23600		1440		25000	89		P
Manganese	ug/L	87 - 115	2780		541		2500	90		P
Nickel	ug/L	85 - 117	223		1.00		250	89		P
Potassium	ug/L	87 - 115	11300		1250		12500	80	N	P
Selenium	ug/L	80 - 120	234		2.50	U	250	94		P
Silver	ug/L	85 - 116	43.0		0.50	U	250	17	N	P
Sodium	ug/L	85 - 117	23300		864		25000	90		P
Thallium	ug/L	82 - 116	232		0.50	U	250	93		P
Vanadium	ug/L	86 - 115	240		1.50	J	250	96		P
Zinc	ug/L	83 - 119	2310		2.02	J	2500	92		P

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: Weston Solutions **level:** low **sdg no.:** Q1201
contract: WEST04 **lab code:** CHEM **case no.:** Q1201 **sas no.:** Q1201
matrix: Water **sample id:** Q1211-02 **client id:** TAPIAL2-MW03-012825-00-T3MSD
Percent Solids for Sample: NA **Spiked ID:** Q1211-02MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	ug/L	84 - 117	4220		93.0		5000	82	N	P
Antimony	ug/L	85 - 117	250		1.00	U	250	100		P
Arsenic	ug/L	84 - 116	2.24		2.26		250	0	N	P
Barium	ug/L	86 - 114	1120		20.4		1300	88		P
Beryllium	ug/L	83 - 121	234		0.080	J	250	93		P
Cadmium	ug/L	87 - 115	248		0.50	U	250	99		P
Calcium	ug/L	87 - 118	28000		6660		25000	85	N	P
Chromium	ug/L	85 - 116	240		0.60	J	250	96		P
Cobalt	ug/L	86 - 115	246		3.61		250	97		P
Copper	ug/L	85 - 118	2370		0.42	J	2500	95		P
Iron	ug/L	87 - 118	27100		18500		12500	69	N	P
Lead	ug/L	88 - 115	1200		0.17	J	1300	96		P
Magnesium	ug/L	83 - 118	24100		1440		25000	91		P
Manganese	ug/L	87 - 115	2850		541		2500	92		P
Nickel	ug/L	85 - 117	229		1.00		250	91		P
Potassium	ug/L	87 - 115	11500		1250		12500	82	N	P
Selenium	ug/L	80 - 120	241		2.50	U	250	96		P
Silver	ug/L	85 - 116	43.6		0.50	U	250	17	N	P
Sodium	ug/L	85 - 117	23800		864		25000	92		P
Thallium	ug/L	82 - 116	239		0.50	U	250	96		P
Vanadium	ug/L	86 - 115	245		1.50	J	250	97		P
Zinc	ug/L	83 - 119	2350		2.02	J	2500	94		P

Metals
- 5b -
POST DIGEST SPIKE SUMMARY

Client: Weston Solutions **SDG No.:** Q1201
Contract: WEST04 **Lab Code:** CHEM **Case No.:** Q1201 **SAS No.:** Q1201
Matrix: Water **Level:** LOW **Client ID:** TAPHHA-MW12-012725-00-T2A
Sample ID: Q1201-01 **Spiked ID:** Q1201-01A

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	ug/L	82 - 119	3.61		0.20	U	4.00	90		CV

Metals
- 5b -
POST DIGEST SPIKE SUMMARY

Client: Weston Solutions **SDG No.:** Q1201
Contract: WEST04 **Lab Code:** CHEM **Case No.:** Q1201 **SAS No.:** Q1201
Matrix: Water **Level:** LOW **Client ID:** TAPIAL2-MW03-012825-00-T3A
Sample ID: Q1211-02 **Spiked ID:** Q1211-02A

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	ug/L	84 - 117	4380		93.0		5000	86		P
Arsenic	ug/L	84 - 116	2.12		2.26		250	0		P
Calcium	ug/L	87 - 118	28300		6660		25000	86		P
Iron	ug/L	87 - 118	27300		18500		12500	70		P
Potassium	ug/L	87 - 115	11500		1250		12500	82		P
Silver	ug/L	85 - 116	43.5		0.50	U	250	17		P

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: Weston Solutions **Level:** LOW **SDG No.:** Q1201
Contract: WEST04 **Lab Code:** CHEM **Case No.:** Q1201 **SAS No.:** Q1201
Matrix: Water **Sample ID:** Q1201-01 **Client ID:** TAPHHA-MW12-012725-00-T2DUP
Percent Solids for Sample: NA **Duplicate ID** Q1201-01DUP **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

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: Weston Solutions **Level:** LOW **SDG No.:** Q1201
Contract: WEST04 **Lab Code:** CHEM **Case No.:** Q1201 **SAS No.:** Q1201
Matrix: Water **Sample ID:** Q1201-01MS **Client ID:** TAPHHA-MW12-012725-00-T2MSD
Percent Solids for Sample: NA **Duplicate ID** Q1201-01MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	ug/L	20	3.28		3.13		5		CV

Metals

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DUPLICATE SAMPLE SUMMARY

Client: Weston Solutions **Level:** LOW **SDG No.:** Q1201
Contract: WEST04 **Lab Code:** CHEM **Case No.:** Q1201 **SAS No.:** Q1201
Matrix: Water **Sample ID:** Q1211-02 **Client ID:** TAPIAL2-MW03-012825-00-T3DUP
Percent Solids for Sample: NA **Duplicate ID** Q1211-02DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	ug/L	20	93.0		270		98	*	P
Antimony	ug/L	20	1.00	U	1.00	U			P
Arsenic	ug/L	20	2.26		2.40		6		P
Barium	ug/L	20	20.4		20.6		1		P
Beryllium	ug/L	20	0.080	J	0.50	U	200.0		P
Cadmium	ug/L	20	0.50	U	0.50	U			P
Calcium	ug/L	20	6660		6590		1		P
Chromium	ug/L	20	0.60	J	0.79	J	28		P
Cobalt	ug/L	20	3.61		3.70		2		P
Copper	ug/L	20	0.42	J	0.50	J	19		P
Iron	ug/L	20	18500		18900		2		P
Lead	ug/L	20	0.17	J	0.19	J	11		P
Magnesium	ug/L	20	1440		1470		2		P
Manganese	ug/L	20	541		545		1		P
Nickel	ug/L	20	1.00		1.15		14		P
Potassium	ug/L	20	1250		1290		3		P
Selenium	ug/L	20	2.50	U	2.50	U			P
Silver	ug/L	20	0.50	U	0.50	U			P
Sodium	ug/L	20	864		890		3		P
Thallium	ug/L	20	0.50	U	0.50	U			P
Vanadium	ug/L	20	1.50	J	1.75	J	15		P
Zinc	ug/L	20	2.02	J	2.14	J	6		P

Metals

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DUPLICATE SAMPLE SUMMARY

Client: Weston Solutions **Level:** LOW **SDG No.:** Q1201
Contract: WEST04 **Lab Code:** CHEM **Case No.:** Q1201 **SAS No.:** Q1201
Matrix: Water **Sample ID:** Q1211-02MS **Client ID:** TAPIAL2-MW03-012825-00-T3MSD
Percent Solids for Sample: NA **Duplicate ID** Q1211-02MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	ug/L	20	4120		4220		2		P
Antimony	ug/L	20	246		250		2		P
Arsenic	ug/L	20	2.14		2.24		5		P
Barium	ug/L	20	1110		1120		1		P
Beryllium	ug/L	20	232		234		1		P
Cadmium	ug/L	20	242		248		2		P
Calcium	ug/L	20	27900		28000		0		P
Chromium	ug/L	20	231		240		4		P
Cobalt	ug/L	20	241		246		2		P
Copper	ug/L	20	2310		2370		3		P
Iron	ug/L	20	27000		27100		0		P
Lead	ug/L	20	1180		1200		2		P
Magnesium	ug/L	20	23600		24100		2		P
Manganese	ug/L	20	2780		2850		2		P
Nickel	ug/L	20	223		229		3		P
Potassium	ug/L	20	11300		11500		2		P
Selenium	ug/L	20	234		241		3		P
Silver	ug/L	20	43.0		43.6		1		P
Sodium	ug/L	20	23300		23800		2		P
Thallium	ug/L	20	232		239		3		P
Vanadium	ug/L	20	240		245		2		P
Zinc	ug/L	20	2310		2350		2		P

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: Weston Solutions **SDG No.:** Q1201
Contract: WEST04 **Lab Code:** CHEM **Case No.:** Q1201 **SAS No.:** Q1201

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB166378BS							
Aluminum	ug/L	5000	4680		94	84 - 117	P
Antimony	ug/L	250	256		102	85 - 117	P
Arsenic	ug/L	250	253		101	84 - 116	P
Barium	ug/L	1300	1280		98	86 - 114	P
Beryllium	ug/L	250	243		97	83 - 121	P
Cadmium	ug/L	250	260		104	87 - 115	P
Calcium	ug/L	25000	24400		98	87 - 118	P
Chromium	ug/L	250	256		102	85 - 116	P
Cobalt	ug/L	250	257		103	86 - 115	P
Copper	ug/L	2500	2500		100	85 - 118	P
Iron	ug/L	12500	12600		101	87 - 118	P
Lead	ug/L	1300	1260		97	88 - 115	P
Magnesium	ug/L	25000	25200		101	83 - 118	P
Manganese	ug/L	2500	2500		100	87 - 115	P
Nickel	ug/L	250	240		96	85 - 117	P
Potassium	ug/L	12500	12100		97	87 - 115	P
Selenium	ug/L	250	251		100	80 - 120	P
Silver	ug/L	250	260		104	85 - 116	P
Sodium	ug/L	25000	25400		102	85 - 117	P
Thallium	ug/L	250	253		101	82 - 116	P
Vanadium	ug/L	250	252		101	86 - 115	P
Zinc	ug/L	2500	2450		98	83 - 119	P

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: Weston Solutions

SDG No.: Q1201

Contract: WEST04

Lab Code: CHEM

Case No.: Q1201

SAS No.: Q1201

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB166596BS Mercury	ug/L	4.0	3.81		95	82 - 119	CV

FORM 8A

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Client: Weston Solutions

Contract: WEST04

Lab Code: CHEM Case no.: Q1201

Sas No.: Q1201 SDG No.: Q1201

Instrument ID: P8

Start Date : 02/06/2025

Run Number: LB134616

End Date : 02/06/2025

Lab SampleID	Client SampleID	Time	Internal Standard %RI For: Non-Collision Cell									
			Element 6Li	Q	Element 45Sc	Q	Element 89Y	Q	Element 103Rh	Q	Element 159Tb	Q
S0	S0	1208	100		100		100		100		100	
S2	S2	1212	102		98		98		98		98	
S3	S3	1215	99		98		97		96		98	
S4	S4	1218	99		97		98		96		99	
S5	S5	1221	97		95		97		94		99	
S6	S6	1224	94		94		96		90		98	
S7	S7	1227	92		93		95		88		97	
S8	S8	1229	82		84		86		76		89	
ICV01	ICV01	1245	99		98		100		99		100	
ICB01	ICB01	1250	99		97		97		97		99	
ICSA01	ICSA01	1254	95		97		99		91		100	
ICSAB01	ICSAB01	1257	93		96		98		90		98	
CCV01	CCV01	1300	89		92		94		85		96	
CCB01	CCB01	1307	102		101		102		102		102	
ZZZZZZ	ZZZZZZ	1310										
ZZZZZZ	ZZZZZZ	1314										
ZZZZZZ	ZZZZZZ	1322										
ZZZZZZ	ZZZZZZ	1326										
ZZZZZZ	ZZZZZZ	1329										
ZZZZZZ	ZZZZZZ	1332										
ZZZZZZ	ZZZZZZ	1335										
ZZZZZZ	ZZZZZZ	1339										
ZZZZZZ	ZZZZZZ	1342										
ZZZZZZ	ZZZZZZ	1345										
ZZZZZZ	ZZZZZZ	1348										
ZZZZZZ	ZZZZZZ	1352										
ZZZZZZ	ZZZZZZ	1355										
ZZZZZZ	ZZZZZZ	1358										
ZZZZZZ	ZZZZZZ	1401										
ZZZZZZ	ZZZZZZ	1405										
ZZZZZZ	ZZZZZZ	1408										
ZZZZZZ	ZZZZZZ	1411										
ZZZZZZ	ZZZZZZ	1414										
ZZZZZZ	ZZZZZZ	1418										
ZZZZZZ	ZZZZZZ	1421										
ZZZZZZ	ZZZZZZ	1424										

Internal Standard %RI Limit: 30 - 120

FORM 8A

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Client: Weston Solutions

Contract: WEST04

Lab Code: CHEM Case no.: Q1201

Sas No.: Q1201 SDG No.: Q1201

Instrument ID: P8

Start Date : 02/06/2025

Run Number: LB134616

End Date : 02/06/2025

Lab SampleID	Client SampleID	Time	Internal Standard %RI For: Non-Collision Cell									
			Element 6Li	Q	Element 45Sc	Q	Element 89Y	Q	Element 103Rh	Q	Element 159Tb	Q
ZZZZZZ	ZZZZZZ	1428										
ZZZZZZ	ZZZZZZ	1431										
ZZZZZZ	ZZZZZZ	1434										
CCV02	CCV02	1437	97		100		101		92		103	
CCB02	CCB02	1440	107		105		107		106		108	
ZZZZZZ	ZZZZZZ	1444										
ZZZZZZ	ZZZZZZ	1447										
ZZZZZZ	ZZZZZZ	1450										
ZZZZZZ	ZZZZZZ	1453										
ZZZZZZ	ZZZZZZ	1457										
ZZZZZZ	ZZZZZZ	1500										
ZZZZZZ	ZZZZZZ	1503										
ZZZZZZ	ZZZZZZ	1506										
ZZZZZZ	ZZZZZZ	1510										
ZZZZZZ	ZZZZZZ	1513										
ZZZZZZ	ZZZZZZ	1516										
ZZZZZZ	ZZZZZZ	1524										
ZZZZZZ	ZZZZZZ	1528										
ZZZZZZ	ZZZZZZ	1532										
ZZZZZZ	ZZZZZZ	1535										
ZZZZZZ	ZZZZZZ	1538										
ZZZZZZ	ZZZZZZ	1541										
ZZZZZZ	ZZZZZZ	1544										
ZZZZZZ	ZZZZZZ	1548										
ZZZZZZ	ZZZZZZ	1551										
ZZZZZZ	ZZZZZZ	1554										
ZZZZZZ	ZZZZZZ	1557										
ZZZZZZ	ZZZZZZ	1601										
ZZZZZZ	ZZZZZZ	1604										
ZZZZZZ	ZZZZZZ	1607										
ZZZZZZ	ZZZZZZ	1610										
ZZZZZZ	ZZZZZZ	1613										
CCV03	CCV03	1617	99		101		102		92		102	
CCB03	CCB03	1619	110		108		109		106		107	
ZZZZZZ	ZZZZZZ	1623										
ZZZZZZ	ZZZZZZ	1626										

Internal Standard %RI Limit: 30 - 120

FORM 8A

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Client: Weston Solutions

Contract: WEST04

Lab Code: CHEM Case no.: Q1201

Sas No.: Q1201 SDG No.: Q1201

Instrument ID: P8

Start Date : 02/06/2025

Run Number: LB134616

End Date : 02/06/2025

Lab SampleID	Client SampleID	Time	Internal Standard %RI For: Non-Collision Cell									
			Element 6Li	Q	Element 45Sc	Q	Element 89Y	Q	Element 103Rh	Q	Element 159Tb	Q
ZZZZZZ	ZZZZZZ	1629										
ZZZZZZ	ZZZZZZ	1633										
ZZZZZZ	ZZZZZZ	1636										
ZZZZZZ	ZZZZZZ	1639										
ZZZZZZ	ZZZZZZ	1642										
ZZZZZZ	ZZZZZZ	1646										
ZZZZZZ	ZZZZZZ	1649										
ZZZZZZ	ZZZZZZ	1652										
CCV04	CCV04	1655	99		101		103		93		104	
LLCCV	LLCCV	1658	108		109		110		108		109	
CCB04	CCB04	1702	111		109		110		108		109	
CRI	CRI	1705	110		110		111		108		108	
ZZZZZZ	ZZZZZZ	1712										
ZZZZZZ	ZZZZZZ	1715										
ZZZZZZ	ZZZZZZ	1718										
ZZZZZZ	ZZZZZZ	1721										
ZZZZZZ	ZZZZZZ	1725										
ZZZZZZ	ZZZZZZ	1728										
ZZZZZZ	ZZZZZZ	1731										
ZZZZZZ	ZZZZZZ	1734										
CCV05	CCV05	1739	98		103		103		92		101	
CCB05	CCB05	1742	108		109		109		105		106	
ZZZZZZ	ZZZZZZ	1745										
ZZZZZZ	ZZZZZZ	1749										
ZZZZZZ	ZZZZZZ	1753										
ZZZZZZ	ZZZZZZ	1756										
ZZZZZZ	ZZZZZZ	1759										
ZZZZZZ	ZZZZZZ	1802										
ZZZZZZ	ZZZZZZ	1806										
ZZZZZZ	ZZZZZZ	1808										
ZZZZZZ	ZZZZZZ	1811										
CCV06	CCV06	1814	98		100		101		90		100	
CCB06	CCB06	1818	105		101		103		100		99	
PB166378BL	PB166378BL	1821	110		108		108		106		106	
PB166378BS	PB166378BS	1825	105		106		106		100		105	
Q1201-01	TAPHHA-MW12	1828	110		110		109		106		108	

Internal Standard %RI Limit: 30 - 120

FORM 8A

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Client: Weston Solutions

Contract: WEST04

Lab Code: CHEM Case no.: Q1201

Sas No.: Q1201 SDG No.: Q1201

Instrument ID: P8

Start Date : 02/06/2025

Run Number: LB134616

End Date : 02/06/2025

Lab SampleID	Client SampleID	Time	Internal Standard %RI For: Non-Collision Cell									
			Element 6Li	Q	Element 45Sc	Q	Element 89Y	Q	Element 103Rh	Q	Element 159Tb	Q
ZZZZZZ	ZZZZZZ	1831										
ZZZZZZ	ZZZZZZ	1834										
Q1211-02DUP	TAPIAL2-MW0	1837	108		111		111		106		106	
Q1211-02L	TAPIAL2-MW0	1840	110		111		110		107		106	
Q1211-02MS	TAPIAL2-MW0	1844	107		109		108		101		104	
Q1211-02MSD	TAPIAL2-MW0	1846	107		108		107		100		104	
Q1211-02A	TAPIAL2-MW0	1849	107		108		108		102		105	
CCV07	CCV07	1852	100		101		102		91		101	
CCB07	CCB07	1858	108		108		108		105		104	

FORM 8A

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Client: Weston Solutions

Contract: WEST04

Lab Code: CHEM Case no.: Q1201

Sas No.: Q1201 SDG No.: Q1201

Instrument ID: P8

Start Date : 02/06/2025

Run Number: LB134616

End Date : 02/06/2025

Lab SampleID	Client SampleID	Time	Internal Standard %RI For: Collision Cell									
			Element 45Sc	Q	Element 89Y	Q	Element 103Rh	Q	Element 159Tb	Q	Element 165Ho	Q
S0	S0	1208	100		100		100		100		100	
S2	S2	1212	100		98		98		99		99	
S3	S3	1215	99		98		98		100		98	
S4	S4	1218	99		98		96		100		99	
S5	S5	1221	98		96		94		99		98	
S6	S6	1224	92		92		90		95		95	
S7	S7	1227	95		94		89		96		97	
S8	S8	1229	88		90		80		91		91	
ICV01	ICV01	1245	99		99		99		100		99	
ICB01	ICB01	1250	98		98		100		99		98	
ICSA01	ICSA01	1254	96		96		91		98		98	
ICSAB01	ICSAB01	1257	98		98		92		98		99	
CCV01	CCV01	1300	96		96		87		97		97	
CCB01	CCB01	1307	102		102		104		103		103	
ZZZZZZ	ZZZZZZ	1310										
ZZZZZZ	ZZZZZZ	1314										
ZZZZZZ	ZZZZZZ	1322										
ZZZZZZ	ZZZZZZ	1326										
ZZZZZZ	ZZZZZZ	1329										
ZZZZZZ	ZZZZZZ	1332										
ZZZZZZ	ZZZZZZ	1335										
ZZZZZZ	ZZZZZZ	1339										
ZZZZZZ	ZZZZZZ	1342										
ZZZZZZ	ZZZZZZ	1345										
ZZZZZZ	ZZZZZZ	1348										
ZZZZZZ	ZZZZZZ	1352										
ZZZZZZ	ZZZZZZ	1355										
ZZZZZZ	ZZZZZZ	1358										
ZZZZZZ	ZZZZZZ	1401										
ZZZZZZ	ZZZZZZ	1405										
ZZZZZZ	ZZZZZZ	1408										
ZZZZZZ	ZZZZZZ	1411										
ZZZZZZ	ZZZZZZ	1414										
ZZZZZZ	ZZZZZZ	1418										
ZZZZZZ	ZZZZZZ	1421										
ZZZZZZ	ZZZZZZ	1424										

Internal Standard %RI Limit: 30 - 120

FORM 8A

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Client: Weston Solutions

Contract: WEST04

Lab Code: CHEM Case no.: Q1201

Sas No.: Q1201 SDG No.: Q1201

Instrument ID: P8

Start Date : 02/06/2025

Run Number: LB134616

End Date : 02/06/2025

Lab SampleID	Client SampleID	Time	Internal Standard %RI For: Collision Cell									
			Element 45Sc	Q	Element 89Y	Q	Element 103Rh	Q	Element 159Tb	Q	Element 165Ho	Q
ZZZZZZ	ZZZZZZ	1428										
ZZZZZZ	ZZZZZZ	1431										
ZZZZZZ	ZZZZZZ	1434										
CCV02	CCV02	1437	98		98		91		99		100	
CCB02	CCB02	1440	102		104		105		105		103	
ZZZZZZ	ZZZZZZ	1444										
ZZZZZZ	ZZZZZZ	1447										
ZZZZZZ	ZZZZZZ	1450										
ZZZZZZ	ZZZZZZ	1453										
ZZZZZZ	ZZZZZZ	1457										
ZZZZZZ	ZZZZZZ	1500										
ZZZZZZ	ZZZZZZ	1503										
ZZZZZZ	ZZZZZZ	1506										
ZZZZZZ	ZZZZZZ	1510										
ZZZZZZ	ZZZZZZ	1513										
ZZZZZZ	ZZZZZZ	1516										
ZZZZZZ	ZZZZZZ	1524										
ZZZZZZ	ZZZZZZ	1528										
ZZZZZZ	ZZZZZZ	1532										
ZZZZZZ	ZZZZZZ	1535										
ZZZZZZ	ZZZZZZ	1538										
ZZZZZZ	ZZZZZZ	1541										
ZZZZZZ	ZZZZZZ	1544										
ZZZZZZ	ZZZZZZ	1548										
ZZZZZZ	ZZZZZZ	1551										
ZZZZZZ	ZZZZZZ	1554										
ZZZZZZ	ZZZZZZ	1557										
ZZZZZZ	ZZZZZZ	1601										
ZZZZZZ	ZZZZZZ	1604										
ZZZZZZ	ZZZZZZ	1607										
ZZZZZZ	ZZZZZZ	1610										
ZZZZZZ	ZZZZZZ	1613										
CCV03	CCV03	1617	99		98		92		98		99	
CCB03	CCB03	1619	103		103		106		104		102	
ZZZZZZ	ZZZZZZ	1623										
ZZZZZZ	ZZZZZZ	1626										

Internal Standard %RI Limit: 30 - 120

FORM 8A

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Client: Weston Solutions

Contract: WEST04

Lab Code: CHEM Case no.: Q1201

Sas No.: Q1201 SDG No.: Q1201

Instrument ID: P8

Start Date : 02/06/2025

Run Number: LB134616

End Date : 02/06/2025

Lab SampleID	Client SampleID	Time	Internal Standard %RI For: Collision Cell									
			Element 45Sc	Q	Element 89Y	Q	Element 103Rh	Q	Element 159Tb	Q	Element 165Ho	Q
ZZZZZZ	ZZZZZZ	1629										
ZZZZZZ	ZZZZZZ	1633										
ZZZZZZ	ZZZZZZ	1636										
ZZZZZZ	ZZZZZZ	1639										
ZZZZZZ	ZZZZZZ	1642										
ZZZZZZ	ZZZZZZ	1646										
ZZZZZZ	ZZZZZZ	1649										
ZZZZZZ	ZZZZZZ	1652										
CCV04	CCV04	1655	99		98		90		100		98	
LLCCV	LLCCV	1658	104		104		106		104		104	
CCB04	CCB04	1702	105		104		106		103		104	
CRI	CRI	1705	105		104		107		104		104	
ZZZZZZ	ZZZZZZ	1712										
ZZZZZZ	ZZZZZZ	1715										
ZZZZZZ	ZZZZZZ	1718										
ZZZZZZ	ZZZZZZ	1721										
ZZZZZZ	ZZZZZZ	1725										
ZZZZZZ	ZZZZZZ	1728										
ZZZZZZ	ZZZZZZ	1731										
ZZZZZZ	ZZZZZZ	1734										
CCV05	CCV05	1739	98		96		89		95		96	
CCB05	CCB05	1742	107		106		108		106		105	
ZZZZZZ	ZZZZZZ	1745										
ZZZZZZ	ZZZZZZ	1749										
ZZZZZZ	ZZZZZZ	1753										
ZZZZZZ	ZZZZZZ	1756										
ZZZZZZ	ZZZZZZ	1759										
ZZZZZZ	ZZZZZZ	1802										
ZZZZZZ	ZZZZZZ	1806										
ZZZZZZ	ZZZZZZ	1808										
ZZZZZZ	ZZZZZZ	1811										
CCV06	CCV06	1814	100		98		91		98		99	
CCB06	CCB06	1818	103		102		104		102		101	
PB166378BL	PB166378BL	1821	105		104		106		103		103	
PB166378BS	PB166378BS	1825	104		101		99		101		102	
Q1201-01	TAPHHA-MW12	1828	107		107		106		105		104	

Internal Standard %RI Limit: 30 - 120

FORM 8A

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Client: Weston Solutions

Contract: WEST04

Lab Code: CHEM Case no.: Q1201

Sas No.: Q1201 SDG No.: Q1201

Instrument ID: P8

Start Date : 02/06/2025

Run Number: LB134616

End Date : 02/06/2025

Lab SampleID	Client SampleID	Time	Internal Standard %RI For: Collision Cell									
			Element 45Sc	Q	Element 89Y	Q	Element 103Rh	Q	Element 159Tb	Q	Element 165Ho	Q
ZZZZZZ	ZZZZZZ	1831										
ZZZZZZ	ZZZZZZ	1834										
Q1211-02DUP	TAPIAL2-MW0	1837	106		105		105		103		104	
Q1211-02L	TAPIAL2-MW0	1840	106		104		104		102		101	
Q1211-02MS	TAPIAL2-MW0	1844	106		104		100		102		102	
Q1211-02MSD	TAPIAL2-MW0	1846	104		101		99		101		100	
Q1211-02A	TAPIAL2-MW0	1849	105		102		100		100		101	
CCV07	CCV07	1852	96		94		87		93		93	
CCB07	CCB07	1858	104		104		104		101		101	

FORM 8B

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Lab Name: Weston Solutions

Contract: WEST04

Lab Code: CHEM Case no.: Q1201

Sas No.: Q1201 SDG No.: Q1201

Instrument ID: P8

Start Date : 02/06/2025

Run Number: LB134616

End Date : 02/06/2025

Lab SampleID	Client SampleID	Time	Internal Standard %RI For: Non-Collision Cell									
			Element 165Ho	Q	Element 209Bi	Q	Element	Q	Element	Q	Element	Q
S0	S0	1208	100		100							
S2	S2	1212	98		97							
S3	S3	1215	99		97							
S4	S4	1218	100		96							
S5	S5	1221	100		96							
S6	S6	1224	98		93							
S7	S7	1227	98		92							
S8	S8	1229	90		79							
ICV01	ICV01	1245	101		99							
ICB01	ICB01	1250	99		98							
ICSA01	ICSA01	1254	100		92							
ICSAB01	ICSAB01	1257	99		90							
CCV01	CCV01	1300	95		87							
CCB01	CCB01	1307	103		101							
ZZZZZZ	ZZZZZZ	1310										
ZZZZZZ	ZZZZZZ	1314										
ZZZZZZ	ZZZZZZ	1322										
ZZZZZZ	ZZZZZZ	1326										
ZZZZZZ	ZZZZZZ	1329										
ZZZZZZ	ZZZZZZ	1332										
ZZZZZZ	ZZZZZZ	1335										
ZZZZZZ	ZZZZZZ	1339										
ZZZZZZ	ZZZZZZ	1342										
ZZZZZZ	ZZZZZZ	1345										
ZZZZZZ	ZZZZZZ	1348										
ZZZZZZ	ZZZZZZ	1352										
ZZZZZZ	ZZZZZZ	1355										
ZZZZZZ	ZZZZZZ	1358										
ZZZZZZ	ZZZZZZ	1401										
ZZZZZZ	ZZZZZZ	1405										
ZZZZZZ	ZZZZZZ	1408										
ZZZZZZ	ZZZZZZ	1411										
ZZZZZZ	ZZZZZZ	1414										
ZZZZZZ	ZZZZZZ	1418										

Internal Standard %RI Limit: 30 -120

FORM 8B

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Lab Name: Weston Solutions

Contract: WEST04

Lab Code: CHEM Case no.: Q1201

Sas No.: Q1201 SDG No.: Q1201

Instrument ID: P8

Start Date : 02/06/2025

Run Number: LB134616

End Date : 02/06/2025

Lab SampleID	Client SampleID	Time	Internal Standard %RI For: Non-Collision Cell									
			Element 165Ho	Q	Element 209Bi	Q	Element	Q	Element	Q	Element	Q
ZZZZZZ	ZZZZZZ	1421										
ZZZZZZ	ZZZZZZ	1424										
ZZZZZZ	ZZZZZZ	1428										
ZZZZZZ	ZZZZZZ	1431										
ZZZZZZ	ZZZZZZ	1434										
CCV02	CCV02	1437	104		92							
CCB02	CCB02	1440	109		106							
ZZZZZZ	ZZZZZZ	1444										
ZZZZZZ	ZZZZZZ	1447										
ZZZZZZ	ZZZZZZ	1450										
ZZZZZZ	ZZZZZZ	1453										
ZZZZZZ	ZZZZZZ	1457										
ZZZZZZ	ZZZZZZ	1500										
ZZZZZZ	ZZZZZZ	1503										
ZZZZZZ	ZZZZZZ	1506										
ZZZZZZ	ZZZZZZ	1510										
ZZZZZZ	ZZZZZZ	1513										
ZZZZZZ	ZZZZZZ	1516										
ZZZZZZ	ZZZZZZ	1524										
ZZZZZZ	ZZZZZZ	1528										
ZZZZZZ	ZZZZZZ	1532										
ZZZZZZ	ZZZZZZ	1535										
ZZZZZZ	ZZZZZZ	1538										
ZZZZZZ	ZZZZZZ	1541										
ZZZZZZ	ZZZZZZ	1544										
ZZZZZZ	ZZZZZZ	1548										
ZZZZZZ	ZZZZZZ	1551										
ZZZZZZ	ZZZZZZ	1554										
ZZZZZZ	ZZZZZZ	1557										
ZZZZZZ	ZZZZZZ	1601										
ZZZZZZ	ZZZZZZ	1604										
ZZZZZZ	ZZZZZZ	1607										
ZZZZZZ	ZZZZZZ	1610										
ZZZZZZ	ZZZZZZ	1613										

Internal Standard %RI Limit: 30 -120

FORM 8B

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Lab Name: Weston Solutions

Contract: WEST04

Lab Code: CHEM Case no.: Q1201

Sas No.: Q1201 SDG No.: Q1201

Instrument ID: P8

Start Date : 02/06/2025

Run Number: LB134616

End Date : 02/06/2025

Lab SampleID	Client SampleID	Time	Internal Standard %RI For: Non-Collision Cell									
			Element 165Ho	Q	Element 209Bi	Q	Element	Q	Element	Q	Element	Q
CCV03	CCV03	1617	104		91							
CCB03	CCB03	1619	109		105							
ZZZZZZ	ZZZZZZ	1623										
ZZZZZZ	ZZZZZZ	1626										
ZZZZZZ	ZZZZZZ	1629										
ZZZZZZ	ZZZZZZ	1633										
ZZZZZZ	ZZZZZZ	1636										
ZZZZZZ	ZZZZZZ	1639										
ZZZZZZ	ZZZZZZ	1642										
ZZZZZZ	ZZZZZZ	1646										
ZZZZZZ	ZZZZZZ	1649										
ZZZZZZ	ZZZZZZ	1652										
CCV04	CCV04	1655	105		92							
LLCCV	LLCCV	1658	109		105							
CCB04	CCB04	1702	109		104							
CRI	CRI	1705	109		105							
ZZZZZZ	ZZZZZZ	1712										
ZZZZZZ	ZZZZZZ	1715										
ZZZZZZ	ZZZZZZ	1718										
ZZZZZZ	ZZZZZZ	1721										
ZZZZZZ	ZZZZZZ	1725										
ZZZZZZ	ZZZZZZ	1728										
ZZZZZZ	ZZZZZZ	1731										
ZZZZZZ	ZZZZZZ	1734										
CCV05	CCV05	1739	103		90							
CCB05	CCB05	1742	107		103							
ZZZZZZ	ZZZZZZ	1745										
ZZZZZZ	ZZZZZZ	1749										
ZZZZZZ	ZZZZZZ	1753										
ZZZZZZ	ZZZZZZ	1756										
ZZZZZZ	ZZZZZZ	1759										
ZZZZZZ	ZZZZZZ	1802										
ZZZZZZ	ZZZZZZ	1806										
ZZZZZZ	ZZZZZZ	1808										

Internal Standard %RI Limit: 30 -120

FORM 8B

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Lab Name: Weston Solutions
Lab Code: CHEM Case no.: Q1201
Instrument ID: P8
Run Number: LB134616

Contract: WEST04
Sas No.: Q1201 SDG No.: Q1201
Start Date : 02/06/2025
End Date : 02/06/2025

Lab SampleID	Client SampleID	Time	Internal Standard %RI For: Non-Collision Cell									
			Element 165Ho	Q	Element 209Bi	Q	Element	Q	Element	Q	Element	Q
ZZZZZZ	ZZZZZZ	1811										
CCV06	CCV06	1814	100		89							
CCB06	CCB06	1818	101		97							
PB166378BL	PB166378BL	1821	106		102							
PB166378BS	PB166378BS	1825	104		97							
Q1201-01	TAPHHA-MW12-	1828	107		102							
ZZZZZZ	ZZZZZZ	1831										
ZZZZZZ	ZZZZZZ	1834										
Q1211-02DUP	TAPIAL2-MW03	1837	108		102							
Q1211-02L	TAPIAL2-MW03	1840	107		104							
Q1211-02MS	TAPIAL2-MW03	1844	106		97							
Q1211-02MSD	TAPIAL2-MW03	1846	105		97							
Q1211-02A	TAPIAL2-MW03	1849	106		98							
CCV07	CCV07	1852	102		90							
CCB07	CCB07	1858	104		100							

FORM 8B

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Lab Name: Weston Solutions
Lab Code: CHEM Case no.: Q1201
Instrument ID: P8
Run Number: LB134616

Contract: WEST04
Sas No.: Q1201 SDG No.: Q1201
Start Date : 02/06/2025
End Date : 02/06/2025

Lab SampleID	Client SampleID	Time	Internal Standard %RI For: Collision Cell									
			Element 209Bi	Q	Element	Q	Element	Q	Element	Q	Element	Q
S0	S0	1208	100									
S2	S2	1212	100									
S3	S3	1215	99									
S4	S4	1218	98									
S5	S5	1221	96									
S6	S6	1224	91									
S7	S7	1227	91									
S8	S8	1229	81									
ICV01	ICV01	1245	99									
ICB01	ICB01	1250	98									
ICSA01	ICSA01	1254	91									
ICSAB01	ICSAB01	1257	92									
CCV01	CCV01	1300	87									
CCB01	CCB01	1307	102									
ZZZZZZ	ZZZZZZ	1310										
ZZZZZZ	ZZZZZZ	1314										
ZZZZZZ	ZZZZZZ	1322										
ZZZZZZ	ZZZZZZ	1326										
ZZZZZZ	ZZZZZZ	1329										
ZZZZZZ	ZZZZZZ	1332										
ZZZZZZ	ZZZZZZ	1335										
ZZZZZZ	ZZZZZZ	1339										
ZZZZZZ	ZZZZZZ	1342										
ZZZZZZ	ZZZZZZ	1345										
ZZZZZZ	ZZZZZZ	1348										
ZZZZZZ	ZZZZZZ	1352										
ZZZZZZ	ZZZZZZ	1355										
ZZZZZZ	ZZZZZZ	1358										
ZZZZZZ	ZZZZZZ	1401										
ZZZZZZ	ZZZZZZ	1405										
ZZZZZZ	ZZZZZZ	1408										
ZZZZZZ	ZZZZZZ	1411										
ZZZZZZ	ZZZZZZ	1414										
ZZZZZZ	ZZZZZZ	1418										

Internal Standard %RI Limit: 30 -120

FORM 8B

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Lab Name: Weston Solutions
Lab Code: CHEM Case no.: Q1201
Instrument ID: P8
Run Number: LB134616

Contract: WEST04
Sas No.: Q1201 SDG No.: Q1201
Start Date : 02/06/2025
End Date : 02/06/2025

Lab SampleID	Client SampleID	Time	Internal Standard %RI For: Collision Cell									
			Element 209Bi	Q	Element	Q	Element	Q	Element	Q	Element	Q
ZZZZZZ	ZZZZZZ	1421										
ZZZZZZ	ZZZZZZ	1424										
ZZZZZZ	ZZZZZZ	1428										
ZZZZZZ	ZZZZZZ	1431										
ZZZZZZ	ZZZZZZ	1434										
CCV02	CCV02	1437	90									
CCB02	CCB02	1440	102									
ZZZZZZ	ZZZZZZ	1444										
ZZZZZZ	ZZZZZZ	1447										
ZZZZZZ	ZZZZZZ	1450										
ZZZZZZ	ZZZZZZ	1453										
ZZZZZZ	ZZZZZZ	1457										
ZZZZZZ	ZZZZZZ	1500										
ZZZZZZ	ZZZZZZ	1503										
ZZZZZZ	ZZZZZZ	1506										
ZZZZZZ	ZZZZZZ	1510										
ZZZZZZ	ZZZZZZ	1513										
ZZZZZZ	ZZZZZZ	1516										
ZZZZZZ	ZZZZZZ	1524										
ZZZZZZ	ZZZZZZ	1528										
ZZZZZZ	ZZZZZZ	1532										
ZZZZZZ	ZZZZZZ	1535										
ZZZZZZ	ZZZZZZ	1538										
ZZZZZZ	ZZZZZZ	1541										
ZZZZZZ	ZZZZZZ	1544										
ZZZZZZ	ZZZZZZ	1548										
ZZZZZZ	ZZZZZZ	1551										
ZZZZZZ	ZZZZZZ	1554										
ZZZZZZ	ZZZZZZ	1557										
ZZZZZZ	ZZZZZZ	1601										
ZZZZZZ	ZZZZZZ	1604										
ZZZZZZ	ZZZZZZ	1607										
ZZZZZZ	ZZZZZZ	1610										
ZZZZZZ	ZZZZZZ	1613										

Internal Standard %RI Limit: 30 -120

FORM 8B

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Lab Name: Weston Solutions
Lab Code: CHEM Case no.: Q1201
Instrument ID: P8
Run Number: LB134616

Contract: WEST04
Sas No.: Q1201 SDG No.: Q1201
Start Date : 02/06/2025
End Date : 02/06/2025

Lab SampleID	Client SampleID	Time	Internal Standard %RI For: Collision Cell									
			Element 209Bi	Q	Element	Q	Element	Q	Element	Q	Element	Q
CCV03	CCV03	1617	88									
CCB03	CCB03	1619	101									
ZZZZZZ	ZZZZZZ	1623										
ZZZZZZ	ZZZZZZ	1626										
ZZZZZZ	ZZZZZZ	1629										
ZZZZZZ	ZZZZZZ	1633										
ZZZZZZ	ZZZZZZ	1636										
ZZZZZZ	ZZZZZZ	1639										
ZZZZZZ	ZZZZZZ	1642										
ZZZZZZ	ZZZZZZ	1646										
ZZZZZZ	ZZZZZZ	1649										
ZZZZZZ	ZZZZZZ	1652										
CCV04	CCV04	1655	88									
LLCCV	LLCCV	1658	102									
CCB04	CCB04	1702	102									
CRI	CRI	1705	102									
ZZZZZZ	ZZZZZZ	1712										
ZZZZZZ	ZZZZZZ	1715										
ZZZZZZ	ZZZZZZ	1718										
ZZZZZZ	ZZZZZZ	1721										
ZZZZZZ	ZZZZZZ	1725										
ZZZZZZ	ZZZZZZ	1728										
ZZZZZZ	ZZZZZZ	1731										
ZZZZZZ	ZZZZZZ	1734										
CCV05	CCV05	1739	86									
CCB05	CCB05	1742	104									
ZZZZZZ	ZZZZZZ	1745										
ZZZZZZ	ZZZZZZ	1749										
ZZZZZZ	ZZZZZZ	1753										
ZZZZZZ	ZZZZZZ	1756										
ZZZZZZ	ZZZZZZ	1759										
ZZZZZZ	ZZZZZZ	1802										
ZZZZZZ	ZZZZZZ	1806										
ZZZZZZ	ZZZZZZ	1808										

Internal Standard %RI Limit: 30 -120

FORM 8B

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Lab Name: Weston Solutions

Contract: WEST04

Lab Code: CHEM Case no.: Q1201

Sas No.: Q1201 SDG No.: Q1201

Instrument ID: P8

Start Date : 02/06/2025

Run Number: LB134616

End Date : 02/06/2025

Lab SampleID	Client SampleID	Time	Internal Standard %RI For: Collision Cell									
			Element 209Bi	Q	Element	Q	Element	Q	Element	Q	Element	Q
ZZZZZZ	ZZZZZZ	1811										
CCV06	CCV06	1814	88									
CCB06	CCB06	1818	100									
PB166378BL	PB166378BL	1821	101									
PB166378BS	PB166378BS	1825	95									
Q1201-01	TAPHHA-MW12-	1828	102									
ZZZZZZ	ZZZZZZ	1831										
ZZZZZZ	ZZZZZZ	1834										
Q1211-02DUP	TAPIAL2-MW03	1837	101									
Q1211-02L	TAPIAL2-MW03	1840	100									
Q1211-02MS	TAPIAL2-MW03	1844	96									
Q1211-02MSD	TAPIAL2-MW03	1846	94									
Q1211-02A	TAPIAL2-MW03	1849	96									
CCV07	CCV07	1852	84									
CCB07	CCB07	1858	100									

Metals

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ICP SERIAL DILUTIONS

SAMPLE NO.

TAPHHA-MW12-012725-00-T2L

Lab Name: Chemtech Consulting Group

Contract: WEST04

Lab Code: CHEM

Lb No.: lb134599

Lab Sample ID : Q1201-01L

SDG No.: Q1201

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

Metals
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ICP SERIAL DILUTIONS

SAMPLE NO.

TAPIAL2-MW03-012825-00-T3L

Lab Name: Chemtech Consulting Group

Contract: WEST04

Lab Code: CHEM **Lb No.:** lb134616 **Lab Sample ID :** Q1211-02L **SDG No.:** Q1201

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

Concentration Units: ug/L

Analyte	Initial Sample Result (I)		Serial Dilution Result (S)		% Differ-ence		Q	M
		C		C				
Aluminum		93.0		122		31		P
Antimony		1.00	U	5.00	U			P
Arsenic		2.26		2.35	J	4		P
Barium		20.4		20.0	J	2		P
Beryllium		0.080	J	2.50	U	100.0		P
Cadmium		0.50	U	2.50	U			P
Calcium		6660		6630		0		P
Chromium		0.60	J	5.00	U	100.0		P
Cobalt		3.61		3.68		2		P
Copper		0.42	J	5.00	U	100.0		P
Iron		18500		18100		3		P
Lead		0.17	J	0.30	J	76		P
Magnesium		1440		1460		2		P
Manganese		541		525		3		P
Nickel		1.00		2.05	J	106		P
Potassium		1250		1350		8		P
Selenium		2.50	U	12.5	U			P
Silver		0.50	U	2.50	U			P
Sodium		864		930	J	8		P
Thallium		0.50	U	2.50	U			P
Vanadium		1.50	J	1.50	J	0		P
Zinc		2.02	J	2.20	J	9		P



METAL PREPARATION & INSTRUMENT DATA



METAL PREPARATION & ANALYICAL SUMMARY

Metals

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SAMPLE PREPARATION SUMMARY

Client: Weston Solutions **SDG No.:** Q1201
Contract: WEST04 **Lab Code:** CHEM **Method:**
Case No.: Q1201 **SAS No.:** Q1201

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB166378							
PB166378BL	PB166378BL	MB	WATER	01/30/2025	50.0	25.0	
PB166378BS	PB166378BS	LCS	WATER	01/30/2025	50.0	25.0	
Q1201-01	TAPHHA-MW12-012725-00-T2	SAM	WATER	01/30/2025	50.0	25.0	
Q1211-02DUP	TAPIAL2-MW03-012825-00-T3DUP	DUP	WATER	01/30/2025	50.0	25.0	
Q1211-02MS	TAPIAL2-MW03-012825-00-T3MS	MS	WATER	01/30/2025	50.0	25.0	
Q1211-02MSD	TAPIAL2-MW03-012825-00-T3MSD	MSD	WATER	01/30/2025	50.0	25.0	

Metals

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SAMPLE PREPARATION SUMMARY

Client: Weston Solutions **SDG No.:** Q1201
Contract: WEST04 **Lab Code:** CHEM **Method:**
Case No.: Q1201 **SAS No.:** Q1201

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB166596							
PB166596BL	PB166596BL	MB	WATER	02/06/2025	30.0	30.0	
PB166596BS	PB166596BS	LCS	WATER	02/06/2025	30.0	30.0	
Q1201-01	TAPHHA-MW12-012725-00-T2	SAM	WATER	02/06/2025	30.0	30.0	
Q1201-01DUP	TAPHHA-MW12-012725-00-T2DUP	DUP	WATER	02/06/2025	30.0	30.0	
Q1201-01MS	TAPHHA-MW12-012725-00-T2MS	MS	WATER	02/06/2025	30.0	30.0	
Q1201-01MSD	TAPHHA-MW12-012725-00-T2MSD	MSD	WATER	02/06/2025	30.0	30.0	

metals
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ANALYSIS RUN LOG

Client: Weston Solutions **Contract:** WEST04

Lab code: CHEM **Case no.:** Q1201 **Sas no.:** Q1201 **Sdg no.:** Q1201

Instrument id number: **Method:** **Run number:** LB134599

Start date: 02/06/2025 **End date:** 02/06/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1122	HG
S0.2	S0.2	1	1125	HG
S2.5	S2.5	1	1130	HG
S5	S5	1	1134	HG
S7.5	S7.5	1	1139	HG
S10	S10	1	1147	HG
ICV88	ICV88	1	1152	HG
ICB88	ICB88	1	1155	HG
CCV30	CCV30	1	1157	HG
CCB30	CCB30	1	1159	HG
CRA	CRA	1	1201	HG
Q1201-01	TAPHHA-MW12-012725-00-T2	1	1210	HG
CCV31	CCV31	1	1228	HG
CCB31	CCB31	1	1230	HG
Q1201-01DUP	TAPHHA-MW12-012725-00-T2	1	1235	HG
Q1201-01MS	TAPHHA-MW12-012725-00-T2	1	1237	HG
Q1201-01MSD	TAPHHA-MW12-012725-00-T2	1	1239	HG
Q1201-01L	TAPHHA-MW12-012725-00-T2	5	1241	HG
Q1201-01A	TAPHHA-MW12-012725-00-T2	1	1244	HG
PB166596BL	PB166596BL	1	1249	HG
PB166596BS	PB166596BS	1	1256	HG
CCV32	CCV32	1	1259	HG
CCB32	CCB32	1	1301	HG

metals
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ANALYSIS RUN LOG

Client: Weston Solutions **Contract:** WEST04

Lab code: CHEM **Case no.:** Q1201 **Sas no.:** Q1201 **Sdg no.:** Q1201

Instrument id number: **Method:** **Run number:** LB134616

Start date: 02/06/2025 **End date:** 02/06/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1208	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S2	S2	1	1212	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S3	S3	1	1215	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S4	S4	1	1218	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S5	S5	1	1221	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S6	S6	1	1224	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S7	S7	1	1227	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S8	S8	1	1229	Al,Ca,Fe,K,Mg,Na
ICV01	ICV01	1	1245	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICB01	ICB01	1	1250	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSA01	ICSA01	1	1254	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSAB01	ICSAB01	1	1257	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV01	CCV01	1	1300	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB01	CCB01	1	1307	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV02	CCV02	1	1437	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB02	CCB02	1	1440	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV03	CCV03	1	1617	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB03	CCB03	1	1619	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV04	CCV04	1	1655	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
LLCCV	LLCCV	1	1658	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB04	CCB04	1	1702	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CRI	CRI	1	1705	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV05	CCV05	1	1739	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB05	CCB05	1	1742	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV06	CCV06	1	1814	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB06	CCB06	1	1818	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB166378BL	PB166378BL	1	1821	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB166378BS	PB166378BS	1	1825	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1201-01	TAPHHA-MW12-012725-00-T2	1	1828	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1211-02DUP	TAPIAL2-MW03-012825-00-T3	1	1837	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1211-02L	TAPIAL2-MW03-012825-00-T3	5	1840	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1211-02MS	TAPIAL2-MW03-012825-00-T3	1	1844	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1211-02MSD	TAPIAL2-MW03-012825-00-T3	1	1846	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1211-02A	TAPIAL2-MW03-012825-00-T3	1	1849	Ag,Al,As,Ca,Fe,K
CCV07	CCV07	1	1852	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB07	CCB07	1	1858	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn