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

LAB CHRONICLE

OrderID:	Q3321	**OrderDate:**	10/9/2025 10:30:00 AM
Client:	Weston Solutions, Inc.	**Project:**	RFP 918
Contact:	Smita Sumbaly	**Location:**	D41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3321-01	**P001-DS-01**	**SOIL**			**10/08/25**			**10/09/25**
			Mercury	7471B		10/13/25	10/13/25	
			Metals ICP-TAL	6010D		10/10/25	10/10/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3321 **Order ID:** Q3321

Client: Weston Solutions, Inc. **Project ID:** RFP 918

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID :	**P001-DS-01**							
Q3321-01	P001-DS-01	SOIL	Aluminum	8880		0.95	5.67	mg/Kg
Q3321-01	P001-DS-01	SOIL	Antimony	18.2		0.25	2.83	mg/Kg
Q3321-01	P001-DS-01	SOIL	Arsenic	27.3		0.22	1.13	mg/Kg
Q3321-01	P001-DS-01	SOIL	Barium	443		0.83	5.67	mg/Kg
Q3321-01	P001-DS-01	SOIL	Beryllium	1.72		0.028	0.34	mg/Kg
Q3321-01	P001-DS-01	SOIL	Cadmium	98.4		0.027	0.34	mg/Kg
Q3321-01	P001-DS-01	SOIL	Calcium	63500		12.6	113	mg/Kg
Q3321-01	P001-DS-01	SOIL	Chromium	462		0.053	0.57	mg/Kg
Q3321-01	P001-DS-01	SOIL	Cobalt	37.9		0.11	1.70	mg/Kg
Q3321-01	P001-DS-01	SOIL	Copper	7160	D	1.25	5.67	mg/Kg
Q3321-01	P001-DS-01	SOIL	Iron	119000	D	22.6	28.3	mg/Kg
Q3321-01	P001-DS-01	SOIL	Lead	1950		0.15	0.68	mg/Kg
Q3321-01	P001-DS-01	SOIL	Magnesium	28800		13.6	113	mg/Kg
Q3321-01	P001-DS-01	SOIL	Manganese	1260		0.16	1.13	mg/Kg
Q3321-01	P001-DS-01	SOIL	Mercury	0.35		0.0090	0.016	mg/Kg
Q3321-01	P001-DS-01	SOIL	Nickel	1050		0.15	2.27	mg/Kg
Q3321-01	P001-DS-01	SOIL	Potassium	1250		31.4	113	mg/Kg
Q3321-01	P001-DS-01	SOIL	Silver	12.3	D	0.68	2.83	mg/Kg
Q3321-01	P001-DS-01	SOIL	Sodium	250		20.2	113	mg/Kg
Q3321-01	P001-DS-01	SOIL	Vanadium	27.1		0.28	2.27	mg/Kg
Q3321-01	P001-DS-01	SOIL	Zinc	1680		0.26	2.27	mg/Kg

SAMPLE DATA

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Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	10/08/25
Project:	RFP 918	Date Received:	10/09/25
Client Sample ID:	P001-DS-01	SDG No.:	Q3321
Lab Sample ID:	Q3321-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	78.4

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	8880		1	0.95	5.67	mg/Kg	10/10/25 10:10	10/10/25 15:45	6010D	SW3050
7440-36-0	Antimony	18.2	N	1	0.25	2.83	mg/Kg	10/10/25 10:10	10/10/25 15:45	6010D	SW3050
7440-38-2	Arsenic	27.3		1	0.22	1.13	mg/Kg	10/10/25 10:10	10/10/25 15:45	6010D	SW3050
7440-39-3	Barium	443		1	0.83	5.67	mg/Kg	10/10/25 10:10	10/10/25 15:45	6010D	SW3050
7440-41-7	Beryllium	1.72		1	0.028	0.34	mg/Kg	10/10/25 10:10	10/10/25 15:45	6010D	SW3050
7440-43-9	Cadmium	98.4		1	0.027	0.34	mg/Kg	10/10/25 10:10	10/10/25 15:45	6010D	SW3050
7440-70-2	Calcium	63500		1	12.6	113	mg/Kg	10/10/25 10:10	10/10/25 15:45	6010D	SW3050
7440-47-3	Chromium	462		1	0.053	0.57	mg/Kg	10/10/25 10:10	10/10/25 15:45	6010D	SW3050
7440-48-4	Cobalt	37.9		1	0.11	1.70	mg/Kg	10/10/25 10:10	10/10/25 15:45	6010D	SW3050
7440-50-8	Copper	7160	DN	5	1.25	5.67	mg/Kg	10/10/25 10:10	10/10/25 16:13	6010D	SW3050
7439-89-6	Iron	119000	D	5	22.6	28.3	mg/Kg	10/10/25 10:10	10/10/25 16:13	6010D	SW3050
7439-92-1	Lead	1950		1	0.15	0.68	mg/Kg	10/10/25 10:10	10/10/25 15:45	6010D	SW3050
7439-95-4	Magnesium	28800		1	13.6	113	mg/Kg	10/10/25 10:10	10/10/25 15:45	6010D	SW3050
7439-96-5	Manganese	1260		1	0.16	1.13	mg/Kg	10/10/25 10:10	10/10/25 15:45	6010D	SW3050
7439-97-6	Mercury	0.35		1	0.0090	0.016	mg/Kg	10/13/25 10:50	10/13/25 14:14	7471B	
7440-02-0	Nickel	1050		1	0.15	2.27	mg/Kg	10/10/25 10:10	10/10/25 15:45	6010D	SW3050
7440-09-7	Potassium	1250	N	1	31.4	113	mg/Kg	10/10/25 10:10	10/10/25 15:45	6010D	SW3050
7782-49-2	Selenium	0.30	U	1	0.30	1.13	mg/Kg	10/10/25 10:10	10/10/25 15:45	6010D	SW3050
7440-22-4	Silver	12.3	D	5	0.68	2.83	mg/Kg	10/10/25 10:10	10/10/25 16:13	6010D	SW3050
7440-23-5	Sodium	250	N	1	20.2	113	mg/Kg	10/10/25 10:10	10/10/25 15:45	6010D	SW3050
7440-28-0	Thallium	0.26	U	1	0.26	2.27	mg/Kg	10/10/25 10:10	10/10/25 15:45	6010D	SW3050
7440-62-2	Vanadium	27.1		1	0.28	2.27	mg/Kg	10/10/25 10:10	10/10/25 15:45	6010D	SW3050
7440-66-6	Zinc	1680		1	0.26	2.27	mg/Kg	10/10/25 10:10	10/10/25 15:45	6010D	SW3050

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,
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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Weston Solutions, Inc. **SDG No.:** Q3321

Contract: ROYF02 **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
ICV68	Mercury	4.11	4.0	103	90 - 110	CV	10/13/2025	13:49	LB137509

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Weston Solutions, Inc. **SDG No.:** Q3321

Contract: ROYF02 **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
CCV19	Mercury	4.80	5.0	96	90 - 110	CV	10/13/2025	13:54	LB137509
CCV20	Mercury	4.71	5.0	94	90 - 110	CV	10/13/2025	14:27	LB137509
CCV21	Mercury	4.74	5.0	95	90 - 110	CV	10/13/2025	14:57	LB137509
CCV22	Mercury	4.71	5.0	94	90 - 110	CV	10/13/2025	15:09	LB137509

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Weston Solutions, Inc. **SDG No.:** Q3321

Contract: ROYF02 **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	7540	8000	94	90 - 110	P	10/10/2025	11:52	LB137500
	Antimony	4010	4000	100	90 - 110	P	10/10/2025	11:52	LB137500
	Arsenic	3890	4000	97	90 - 110	P	10/10/2025	11:52	LB137500
	Barium	7750	8000	97	90 - 110	P	10/10/2025	11:52	LB137500
	Beryllium	196	200	98	90 - 110	P	10/10/2025	11:52	LB137500
	Cadmium	1940	2000	97	90 - 110	P	10/10/2025	11:52	LB137500
	Calcium	19500	20000	98	90 - 110	P	10/10/2025	11:52	LB137500
	Chromium	820	800	102	90 - 110	P	10/10/2025	11:52	LB137500
	Cobalt	1960	2000	98	90 - 110	P	10/10/2025	11:52	LB137500
	Copper	1000	1000	100	90 - 110	P	10/10/2025	11:52	LB137500
	Iron	4140	4000	104	90 - 110	P	10/10/2025	11:52	LB137500
	Lead	3810	4000	95	90 - 110	P	10/10/2025	11:52	LB137500
	Magnesium	19400	20000	97	90 - 110	P	10/10/2025	11:52	LB137500
	Manganese	1930	2000	96	90 - 110	P	10/10/2025	11:52	LB137500
	Nickel	1970	2000	99	90 - 110	P	10/10/2025	11:52	LB137500
	Potassium	20300	20000	102	90 - 110	P	10/10/2025	11:52	LB137500
	Selenium	3900	4000	98	90 - 110	P	10/10/2025	11:52	LB137500
	Silver	984	1000	98	90 - 110	P	10/10/2025	11:52	LB137500
	Sodium	20000	20000	100	90 - 110	P	10/10/2025	11:52	LB137500
	Thallium	3730	4000	93	90 - 110	P	10/10/2025	11:52	LB137500
	Vanadium	1940	2000	97	90 - 110	P	10/10/2025	11:52	LB137500
	Zinc	2030	2000	101	90 - 110	P	10/10/2025	11:52	LB137500

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Weston Solutions, Inc. **SDG No.:** Q3321

Contract: ROYF02 **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	91.1	100	91	80 - 120	P	10/10/2025	12:00	LB137500
	Antimony	52.2	50.0	104	80 - 120	P	10/10/2025	12:00	LB137500
	Arsenic	20.8	20.0	104	80 - 120	P	10/10/2025	12:00	LB137500
	Barium	106	100	106	80 - 120	P	10/10/2025	12:00	LB137500
	Beryllium	6.30	6.0	105	80 - 120	P	10/10/2025	12:00	LB137500
	Cadmium	5.95	6.0	99	80 - 120	P	10/10/2025	12:00	LB137500
	Calcium	2080	2000	104	80 - 120	P	10/10/2025	12:00	LB137500
	Chromium	10.8	10.0	108	80 - 120	P	10/10/2025	12:00	LB137500
	Cobalt	30.1	30.0	100	80 - 120	P	10/10/2025	12:00	LB137500
	Copper	22.5	20.0	112	80 - 120	P	10/10/2025	12:00	LB137500
	Iron	118	100	118	80 - 120	P	10/10/2025	12:00	LB137500
	Lead	12.6	12.0	105	80 - 120	P	10/10/2025	12:00	LB137500
	Magnesium	2180	2000	109	80 - 120	P	10/10/2025	12:00	LB137500
	Manganese	20.6	20.0	103	80 - 120	P	10/10/2025	12:00	LB137500
	Nickel	40.7	40.0	102	80 - 120	P	10/10/2025	12:00	LB137500
	Potassium	2110	2000	105	80 - 120	P	10/10/2025	12:00	LB137500
	Selenium	19.3	20.0	96	80 - 120	P	10/10/2025	12:00	LB137500
	Silver	10.7	10.0	107	80 - 120	P	10/10/2025	12:00	LB137500
	Sodium	2150	2000	108	80 - 120	P	10/10/2025	12:00	LB137500
	Thallium	41.3	40.0	103	80 - 120	P	10/10/2025	12:00	LB137500
	Vanadium	39.0	40.0	98	80 - 120	P	10/10/2025	12:00	LB137500
	Zinc	46.5	40.0	116	80 - 120	P	10/10/2025	12:00	LB137500

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Weston Solutions, Inc. **SDG No.:** Q3321

Contract: ROYF02 **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	9770	10000	98	90 - 110	P	10/10/2025	12:52	LB137500
	Antimony	4920	5000	98	90 - 110	P	10/10/2025	12:52	LB137500
	Arsenic	4910	5000	98	90 - 110	P	10/10/2025	12:52	LB137500
	Barium	9650	10000	96	90 - 110	P	10/10/2025	12:52	LB137500
	Beryllium	255	250	102	90 - 110	P	10/10/2025	12:52	LB137500
	Cadmium	2440	2500	98	90 - 110	P	10/10/2025	12:52	LB137500
	Calcium	25000	25000	100	90 - 110	P	10/10/2025	12:52	LB137500
	Chromium	1000	1000	100	90 - 110	P	10/10/2025	12:52	LB137500
	Cobalt	2430	2500	97	90 - 110	P	10/10/2025	12:52	LB137500
	Copper	1230	1250	98	90 - 110	P	10/10/2025	12:52	LB137500
	Iron	4810	5000	96	90 - 110	P	10/10/2025	12:52	LB137500
	Lead	4860	5000	97	90 - 110	P	10/10/2025	12:52	LB137500
	Magnesium	24400	25000	98	90 - 110	P	10/10/2025	12:52	LB137500
	Manganese	2430	2500	97	90 - 110	P	10/10/2025	12:52	LB137500
	Nickel	2440	2500	97	90 - 110	P	10/10/2025	12:52	LB137500
	Potassium	23600	25000	94	90 - 110	P	10/10/2025	12:52	LB137500
	Selenium	4900	5000	98	90 - 110	P	10/10/2025	12:52	LB137500
	Silver	1240	1250	99	90 - 110	P	10/10/2025	12:52	LB137500
	Sodium	22900	25000	92	90 - 110	P	10/10/2025	12:52	LB137500
	Thallium	4810	5000	96	90 - 110	P	10/10/2025	12:52	LB137500
	Vanadium	2460	2500	98	90 - 110	P	10/10/2025	12:52	LB137500
	Zinc	2510	2500	100	90 - 110	P	10/10/2025	12:52	LB137500
CCV02	Aluminum	9590	10000	96	90 - 110	P	10/10/2025	14:04	LB137500
	Antimony	5060	5000	101	90 - 110	P	10/10/2025	14:04	LB137500
	Arsenic	5000	5000	100	90 - 110	P	10/10/2025	14:04	LB137500
	Barium	9440	10000	94	90 - 110	P	10/10/2025	14:04	LB137500
	Beryllium	235	250	94	90 - 110	P	10/10/2025	14:04	LB137500
	Cadmium	2400	2500	96	90 - 110	P	10/10/2025	14:04	LB137500
	Calcium	24100	25000	96	90 - 110	P	10/10/2025	14:04	LB137500
	Chromium	983	1000	98	90 - 110	P	10/10/2025	14:04	LB137500
	Cobalt	2410	2500	96	90 - 110	P	10/10/2025	14:04	LB137500
	Copper	1230	1250	98	90 - 110	P	10/10/2025	14:04	LB137500
	Iron	4980	5000	100	90 - 110	P	10/10/2025	14:04	LB137500
	Lead	4810	5000	96	90 - 110	P	10/10/2025	14:04	LB137500

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Weston Solutions, Inc. **SDG No.:** Q3321

Contract: ROYF02 **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	Magnesium	23800	25000	95	90 - 110	P	10/10/2025	14:04	LB137500
	Manganese	2340	2500	94	90 - 110	P	10/10/2025	14:04	LB137500
	Nickel	2410	2500	96	90 - 110	P	10/10/2025	14:04	LB137500
	Potassium	24600	25000	98	90 - 110	P	10/10/2025	14:04	LB137500
	Selenium	5050	5000	101	90 - 110	P	10/10/2025	14:04	LB137500
	Silver	1240	1250	99	90 - 110	P	10/10/2025	14:04	LB137500
	Sodium	24100	25000	96	90 - 110	P	10/10/2025	14:04	LB137500
	Thallium	4750	5000	95	90 - 110	P	10/10/2025	14:04	LB137500
	Vanadium	2420	2500	97	90 - 110	P	10/10/2025	14:04	LB137500
	Zinc	2490	2500	100	90 - 110	P	10/10/2025	14:04	LB137500
CCV03	Aluminum	10100	10000	101	90 - 110	P	10/10/2025	15:37	LB137500
	Antimony	5040	5000	101	90 - 110	P	10/10/2025	15:37	LB137500
	Arsenic	4960	5000	99	90 - 110	P	10/10/2025	15:37	LB137500
	Barium	9930	10000	99	90 - 110	P	10/10/2025	15:37	LB137500
	Beryllium	239	250	96	90 - 110	P	10/10/2025	15:37	LB137500
	Cadmium	2460	2500	98	90 - 110	P	10/10/2025	15:37	LB137500
	Calcium	24400	25000	98	90 - 110	P	10/10/2025	15:37	LB137500
	Chromium	1010	1000	101	90 - 110	P	10/10/2025	15:37	LB137500
	Cobalt	2480	2500	99	90 - 110	P	10/10/2025	15:37	LB137500
	Copper	1260	1250	101	90 - 110	P	10/10/2025	15:37	LB137500
	Iron	5170	5000	103	90 - 110	P	10/10/2025	15:37	LB137500
	Lead	4900	5000	98	90 - 110	P	10/10/2025	15:37	LB137500
	Magnesium	24800	25000	99	90 - 110	P	10/10/2025	15:37	LB137500
	Manganese	2450	2500	98	90 - 110	P	10/10/2025	15:37	LB137500
	Nickel	2470	2500	99	90 - 110	P	10/10/2025	15:37	LB137500
	Potassium	25900	25000	104	90 - 110	P	10/10/2025	15:37	LB137500
	Selenium	4950	5000	99	90 - 110	P	10/10/2025	15:37	LB137500
	Silver	1260	1250	101	90 - 110	P	10/10/2025	15:37	LB137500
	Sodium	25700	25000	103	90 - 110	P	10/10/2025	15:37	LB137500
	Thallium	4890	5000	98	90 - 110	P	10/10/2025	15:37	LB137500
	Vanadium	2500	2500	100	90 - 110	P	10/10/2025	15:37	LB137500
	Zinc	2500	2500	100	90 - 110	P	10/10/2025	15:37	LB137500
CCV04	Aluminum	10500	10000	105	90 - 110	P	10/10/2025	16:29	LB137500
	Antimony	5320	5000	106	90 - 110	P	10/10/2025	16:29	LB137500

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Weston Solutions, Inc. **SDG No.:** Q3321

Contract: ROYF02 **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	Arsenic	5210	5000	104	90 - 110	P	10/10/2025	16:29	LB137500
	Barium	10800	10000	108	90 - 110	P	10/10/2025	16:29	LB137500
	Beryllium	265	250	106	90 - 110	P	10/10/2025	16:29	LB137500
	Cadmium	2580	2500	103	90 - 110	P	10/10/2025	16:29	LB137500
	Calcium	26200	25000	105	90 - 110	P	10/10/2025	16:29	LB137500
	Chromium	1050	1000	105	90 - 110	P	10/10/2025	16:29	LB137500
	Cobalt	2620	2500	105	90 - 110	P	10/10/2025	16:29	LB137500
	Copper	1320	1250	106	90 - 110	P	10/10/2025	16:29	LB137500
	Iron	5410	5000	108	90 - 110	P	10/10/2025	16:29	LB137500
	Lead	5150	5000	103	90 - 110	P	10/10/2025	16:29	LB137500
	Magnesium	26000	25000	104	90 - 110	P	10/10/2025	16:29	LB137500
	Manganese	2680	2500	107	90 - 110	P	10/10/2025	16:29	LB137500
	Nickel	2600	2500	104	90 - 110	P	10/10/2025	16:29	LB137500
	Potassium	26300	25000	105	90 - 110	P	10/10/2025	16:29	LB137500
	Selenium	5230	5000	105	90 - 110	P	10/10/2025	16:29	LB137500
	Silver	1330	1250	107	90 - 110	P	10/10/2025	16:29	LB137500
	Sodium	26500	25000	106	90 - 110	P	10/10/2025	16:29	LB137500
	Thallium	5410	5000	108	90 - 110	P	10/10/2025	16:29	LB137500
	Vanadium	2650	2500	106	90 - 110	P	10/10/2025	16:29	LB137500
	Zinc	2650	2500	106	90 - 110	P	10/10/2025	16:29	LB137500
CCV05	Aluminum	10200	10000	102	90 - 110	P	10/10/2025	17:04	LB137500
	Antimony	5240	5000	105	90 - 110	P	10/10/2025	17:04	LB137500
	Arsenic	5090	5000	102	90 - 110	P	10/10/2025	17:04	LB137500
	Barium	10400	10000	104	90 - 110	P	10/10/2025	17:04	LB137500
	Beryllium	244	250	98	90 - 110	P	10/10/2025	17:04	LB137500
	Cadmium	2530	2500	101	90 - 110	P	10/10/2025	17:04	LB137500
	Calcium	24600	25000	98	90 - 110	P	10/10/2025	17:04	LB137500
	Chromium	1010	1000	100	90 - 110	P	10/10/2025	17:04	LB137500
	Cobalt	2570	2500	103	90 - 110	P	10/10/2025	17:04	LB137500
	Copper	1300	1250	104	90 - 110	P	10/10/2025	17:04	LB137500
	Iron	5240	5000	105	90 - 110	P	10/10/2025	17:04	LB137500
	Lead	5050	5000	101	90 - 110	P	10/10/2025	17:04	LB137500
	Magnesium	25000	25000	100	90 - 110	P	10/10/2025	17:04	LB137500
	Manganese	2560	2500	102	90 - 110	P	10/10/2025	17:04	LB137500

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Weston Solutions, Inc. **SDG No.:** Q3321

Contract: ROYF02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV05	Nickel	2550	2500	102	90 - 110	P	10/10/2025	17:04	LB137500
	Potassium	25700	25000	103	90 - 110	P	10/10/2025	17:04	LB137500
	Selenium	5140	5000	103	90 - 110	P	10/10/2025	17:04	LB137500
	Silver	1270	1250	102	90 - 110	P	10/10/2025	17:04	LB137500
	Sodium	26100	25000	104	90 - 110	P	10/10/2025	17:04	LB137500
	Thallium	5430	5000	109	90 - 110	P	10/10/2025	17:04	LB137500
	Vanadium	2550	2500	102	90 - 110	P	10/10/2025	17:04	LB137500
	Zinc	2520	2500	101	90 - 110	P	10/10/2025	17:04	LB137500

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Metals

- 2b -
CRDL STANDARD FOR AA & ICP

Client: Weston Solutions, Inc. **SDG No.:** Q3321

Contract: ROYF02 **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	112	100	112	65 - 135	P	10/10/2025	12:15	LB137500
	Antimony	49.2	50.0	98	65 - 135	P	10/10/2025	12:15	LB137500
	Arsenic	19.3	20.0	97	65 - 135	P	10/10/2025	12:15	LB137500
	Barium	98.1	100	98	65 - 135	P	10/10/2025	12:15	LB137500
	Beryllium	6.45	6.0	108	65 - 135	P	10/10/2025	12:15	LB137500
	Cadmium	5.79	6.0	97	65 - 135	P	10/10/2025	12:15	LB137500
	Calcium	2050	2000	102	65 - 135	P	10/10/2025	12:15	LB137500
	Chromium	10.4	10.0	104	65 - 135	P	10/10/2025	12:15	LB137500
	Cobalt	29.4	30.0	98	65 - 135	P	10/10/2025	12:15	LB137500
	Copper	21.8	20.0	109	65 - 135	P	10/10/2025	12:15	LB137500
	Iron	102	100	102	65 - 135	P	10/10/2025	12:15	LB137500
	Lead	11.9	12.0	100	65 - 135	P	10/10/2025	12:15	LB137500
	Magnesium	2080	2000	104	65 - 135	P	10/10/2025	12:15	LB137500
	Manganese	19.3	20.0	96	65 - 135	P	10/10/2025	12:15	LB137500
	Nickel	39.9	40.0	100	65 - 135	P	10/10/2025	12:15	LB137500
	Potassium	1890	2000	94	65 - 135	P	10/10/2025	12:15	LB137500
	Selenium	19.9	20.0	100	65 - 135	P	10/10/2025	12:15	LB137500
	Silver	10.3	10.0	103	65 - 135	P	10/10/2025	12:15	LB137500
	Sodium	1850	2000	93	65 - 135	P	10/10/2025	12:15	LB137500
	Thallium	43.1	40.0	108	65 - 135	P	10/10/2025	12:15	LB137500
	Vanadium	41.5	40.0	104	65 - 135	P	10/10/2025	12:15	LB137500
	Zinc	44.9	40.0	112	65 - 135	P	10/10/2025	12:15	LB137500
CRA	Mercury	0.20	0.2	102	70 - 130	CV	10/13/2025	13:58	LB137509

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Weston Solutions, Inc. **SDG No.:** Q3321

Contract: ROYF02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB68	Mercury	0.076	+/-0.2	U	0.20	CV	10/13/2025	13:51	LB137509

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Weston Solutions, Inc. **SDG No.:** Q3321

Contract: ROYF02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB19	Mercury	0.076	+/-0.2	U	0.20	CV	10/13/2025	13:56	LB137509
CCB20	Mercury	0.076	+/-0.2	U	0.20	CV	10/13/2025	14:29	LB137509
CCB21	Mercury	0.076	+/-0.2	U	0.20	CV	10/13/2025	14:59	LB137509
CCB22	Mercury	0.076	+/-0.2	U	0.20	CV	10/13/2025	15:11	LB137509

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Weston Solutions, Inc. **SDG No.:** Q3321

Contract: ROYF02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Aluminum	44.6	+/-50	J	100	P	10/10/2025	12:11	LB137500
	Antimony	6.76	+/-25	U	50.0	P	10/10/2025	12:11	LB137500
	Arsenic	5.12	+/-10	U	20.0	P	10/10/2025	12:11	LB137500
	Barium	14.6	+/-50	U	100	P	10/10/2025	12:11	LB137500
	Beryllium	0.56	+/-3	U	6.00	P	10/10/2025	12:11	LB137500
	Cadmium	0.50	+/-3	U	6.00	P	10/10/2025	12:11	LB137500
	Calcium	234	+/-1000	U	2000	P	10/10/2025	12:11	LB137500
	Chromium	2.12	+/-5	U	10.0	P	10/10/2025	12:11	LB137500
	Cobalt	2.26	+/-15	U	30.0	P	10/10/2025	12:11	LB137500
	Copper	4.60	+/-10	U	20.0	P	10/10/2025	12:11	LB137500
	Iron	23.4	+/-50	U	100	P	10/10/2025	12:11	LB137500
	Lead	2.30	+/-6	U	12.0	P	10/10/2025	12:11	LB137500
	Magnesium	244	+/-1000	U	2000	P	10/10/2025	12:11	LB137500
	Manganese	5.94	+/-10	U	20.0	P	10/10/2025	12:11	LB137500
	Nickel	3.06	+/-20	U	40.0	P	10/10/2025	12:11	LB137500
	Potassium	918	+/-1000	U	2000	P	10/10/2025	12:11	LB137500
	Selenium	9.64	+/-10	U	20.0	P	10/10/2025	12:11	LB137500
	Silver	1.62	+/-5	U	10.0	P	10/10/2025	12:11	LB137500
	Sodium	868	+/-1000	U	2000	P	10/10/2025	12:11	LB137500
	Thallium	4.38	+/-20	U	40.0	P	10/10/2025	12:11	LB137500
	Vanadium	6.26	+/-20	U	40.0	P	10/10/2025	12:11	LB137500
	Zinc	16.7	+/-20	U	40.0	P	10/10/2025	12:11	LB137500

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Weston Solutions, Inc. **SDG No.:** Q3321

Contract: ROYF02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	12.8	+/-50	J	100	P	10/10/2025	12:57	LB137500
	Antimony	6.76	+/-25	U	50.0	P	10/10/2025	12:57	LB137500
	Arsenic	5.12	+/-10	U	20.0	P	10/10/2025	12:57	LB137500
	Barium	14.6	+/-50	U	100	P	10/10/2025	12:57	LB137500
	Beryllium	0.56	+/-3	U	6.00	P	10/10/2025	12:57	LB137500
	Cadmium	0.50	+/-3	U	6.00	P	10/10/2025	12:57	LB137500
	Calcium	234	+/-1000	U	2000	P	10/10/2025	12:57	LB137500
	Chromium	2.12	+/-5	U	10.0	P	10/10/2025	12:57	LB137500
	Cobalt	2.26	+/-15	U	30.0	P	10/10/2025	12:57	LB137500
	Copper	4.60	+/-10	U	20.0	P	10/10/2025	12:57	LB137500
	Iron	23.4	+/-50	U	100	P	10/10/2025	12:57	LB137500
	Lead	2.30	+/-6	U	12.0	P	10/10/2025	12:57	LB137500
	Magnesium	244	+/-1000	U	2000	P	10/10/2025	12:57	LB137500
	Manganese	5.94	+/-10	U	20.0	P	10/10/2025	12:57	LB137500
	Nickel	3.06	+/-20	U	40.0	P	10/10/2025	12:57	LB137500
	Potassium	918	+/-1000	U	2000	P	10/10/2025	12:57	LB137500
	Selenium	9.64	+/-10	U	20.0	P	10/10/2025	12:57	LB137500
	Silver	1.62	+/-5	U	10.0	P	10/10/2025	12:57	LB137500
	Sodium	868	+/-1000	U	2000	P	10/10/2025	12:57	LB137500
	Thallium	4.38	+/-20	U	40.0	P	10/10/2025	12:57	LB137500
	Vanadium	6.26	+/-20	U	40.0	P	10/10/2025	12:57	LB137500
	Zinc	16.7	+/-20	U	40.0	P	10/10/2025	12:57	LB137500
CCB02	Aluminum	15.0	+/-50	J	100	P	10/10/2025	14:10	LB137500
	Antimony	6.76	+/-25	U	50.0	P	10/10/2025	14:10	LB137500
	Arsenic	5.12	+/-10	U	20.0	P	10/10/2025	14:10	LB137500
	Barium	14.6	+/-50	U	100	P	10/10/2025	14:10	LB137500
	Beryllium	0.56	+/-3	U	6.00	P	10/10/2025	14:10	LB137500
	Cadmium	0.50	+/-3	U	6.00	P	10/10/2025	14:10	LB137500
	Calcium	234	+/-1000	U	2000	P	10/10/2025	14:10	LB137500
	Chromium	2.12	+/-5	U	10.0	P	10/10/2025	14:10	LB137500
	Cobalt	2.26	+/-15	U	30.0	P	10/10/2025	14:10	LB137500
	Copper	4.60	+/-10	U	20.0	P	10/10/2025	14:10	LB137500
	Iron	23.4	+/-50	U	100	P	10/10/2025	14:10	LB137500
	Lead	2.30	+/-6	U	12.0	P	10/10/2025	14:10	LB137500
	Magnesium	244	+/-1000	U	2000	P	10/10/2025	14:10	LB137500
	Manganese	5.94	+/-10	U	20.0	P	10/10/2025	14:10	LB137500
	Nickel	3.06	+/-20	U	40.0	P	10/10/2025	14:10	LB137500
	Potassium	918	+/-1000	U	2000	P	10/10/2025	14:10	LB137500
	Selenium	9.64	+/-10	U	20.0	P	10/10/2025	14:10	LB137500

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Weston Solutions, Inc. **SDG No.:** Q3321

Contract: ROYF02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB02	Silver	1.62	+/-5	U	10.0	P	10/10/2025	14:10	LB137500
	Sodium	891	+/-1000	J	2000	P	10/10/2025	14:10	LB137500
	Thallium	4.38	+/-20	U	40.0	P	10/10/2025	14:10	LB137500
	Vanadium	6.26	+/-20	U	40.0	P	10/10/2025	14:10	LB137500
	Zinc	16.7	+/-20	U	40.0	P	10/10/2025	14:10	LB137500
CCB03	Aluminum	11.3	+/-50	U	100	P	10/10/2025	15:41	LB137500
	Antimony	6.76	+/-25	U	50.0	P	10/10/2025	15:41	LB137500
	Arsenic	5.12	+/-10	U	20.0	P	10/10/2025	15:41	LB137500
	Barium	14.6	+/-50	U	100	P	10/10/2025	15:41	LB137500
	Beryllium	0.56	+/-3	U	6.00	P	10/10/2025	15:41	LB137500
	Cadmium	0.50	+/-3	U	6.00	P	10/10/2025	15:41	LB137500
	Calcium	234	+/-1000	U	2000	P	10/10/2025	15:41	LB137500
	Chromium	2.12	+/-5	U	10.0	P	10/10/2025	15:41	LB137500
	Cobalt	2.26	+/-15	U	30.0	P	10/10/2025	15:41	LB137500
	Copper	4.60	+/-10	U	20.0	P	10/10/2025	15:41	LB137500
	Iron	23.4	+/-50	U	100	P	10/10/2025	15:41	LB137500
	Lead	2.30	+/-6	U	12.0	P	10/10/2025	15:41	LB137500
	Magnesium	244	+/-1000	U	2000	P	10/10/2025	15:41	LB137500
	Manganese	5.94	+/-10	U	20.0	P	10/10/2025	15:41	LB137500
	Nickel	3.06	+/-20	U	40.0	P	10/10/2025	15:41	LB137500
	Potassium	918	+/-1000	U	2000	P	10/10/2025	15:41	LB137500
	Selenium	9.64	+/-10	U	20.0	P	10/10/2025	15:41	LB137500
	Silver	1.62	+/-5	U	10.0	P	10/10/2025	15:41	LB137500
	Sodium	868	+/-1000	U	2000	P	10/10/2025	15:41	LB137500
	Thallium	4.38	+/-20	U	40.0	P	10/10/2025	15:41	LB137500
	Vanadium	6.26	+/-20	U	40.0	P	10/10/2025	15:41	LB137500
	Zinc	16.7	+/-20	U	40.0	P	10/10/2025	15:41	LB137500
CCB04	Aluminum	13.6	+/-50	J	100	P	10/10/2025	16:33	LB137500
	Antimony	6.76	+/-25	U	50.0	P	10/10/2025	16:33	LB137500
	Arsenic	5.12	+/-10	U	20.0	P	10/10/2025	16:33	LB137500
	Barium	14.6	+/-50	U	100	P	10/10/2025	16:33	LB137500
	Beryllium	0.56	+/-3	U	6.00	P	10/10/2025	16:33	LB137500
	Cadmium	0.50	+/-3	U	6.00	P	10/10/2025	16:33	LB137500
	Calcium	234	+/-1000	U	2000	P	10/10/2025	16:33	LB137500
	Chromium	2.12	+/-5	U	10.0	P	10/10/2025	16:33	LB137500
	Cobalt	2.26	+/-15	U	30.0	P	10/10/2025	16:33	LB137500
	Copper	4.60	+/-10	U	20.0	P	10/10/2025	16:33	LB137500
	Iron	23.4	+/-50	U	100	P	10/10/2025	16:33	LB137500
	Lead	2.30	+/-6	U	12.0	P	10/10/2025	16:33	LB137500

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Weston Solutions, Inc. **SDG No.:** Q3321

Contract: ROYF02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB04	Magnesium	244	+/-1000	U	2000	P	10/10/2025	16:33	LB137500
	Manganese	5.94	+/-10	U	20.0	P	10/10/2025	16:33	LB137500
	Nickel	3.06	+/-20	U	40.0	P	10/10/2025	16:33	LB137500
	Potassium	918	+/-1000	U	2000	P	10/10/2025	16:33	LB137500
	Selenium	9.64	+/-10	U	20.0	P	10/10/2025	16:33	LB137500
	Silver	1.62	+/-5	U	10.0	P	10/10/2025	16:33	LB137500
	Sodium	868	+/-1000	U	2000	P	10/10/2025	16:33	LB137500
	Thallium	4.38	+/-20	U	40.0	P	10/10/2025	16:33	LB137500
	Vanadium	6.26	+/-20	U	40.0	P	10/10/2025	16:33	LB137500
	Zinc	16.7	+/-20	U	40.0	P	10/10/2025	16:33	LB137500
CCB05	Aluminum	11.3	+/-50	U	100	P	10/10/2025	17:08	LB137500
	Antimony	6.76	+/-25	U	50.0	P	10/10/2025	17:08	LB137500
	Arsenic	5.12	+/-10	U	20.0	P	10/10/2025	17:08	LB137500
	Barium	14.6	+/-50	U	100	P	10/10/2025	17:08	LB137500
	Beryllium	0.56	+/-3	U	6.00	P	10/10/2025	17:08	LB137500
	Cadmium	0.50	+/-3	U	6.00	P	10/10/2025	17:08	LB137500
	Calcium	234	+/-1000	U	2000	P	10/10/2025	17:08	LB137500
	Chromium	2.12	+/-5	U	10.0	P	10/10/2025	17:08	LB137500
	Cobalt	2.26	+/-15	U	30.0	P	10/10/2025	17:08	LB137500
	Copper	4.60	+/-10	U	20.0	P	10/10/2025	17:08	LB137500
	Iron	23.4	+/-50	U	100	P	10/10/2025	17:08	LB137500
	Lead	2.30	+/-6	U	12.0	P	10/10/2025	17:08	LB137500
	Magnesium	244	+/-1000	U	2000	P	10/10/2025	17:08	LB137500
	Manganese	5.94	+/-10	U	20.0	P	10/10/2025	17:08	LB137500
	Nickel	3.06	+/-20	U	40.0	P	10/10/2025	17:08	LB137500
	Potassium	918	+/-1000	U	2000	P	10/10/2025	17:08	LB137500
	Selenium	9.64	+/-10	U	20.0	P	10/10/2025	17:08	LB137500
	Silver	1.62	+/-5	U	10.0	P	10/10/2025	17:08	LB137500
	Sodium	868	+/-1000	U	2000	P	10/10/2025	17:08	LB137500
	Thallium	4.38	+/-20	U	40.0	P	10/10/2025	17:08	LB137500
	Vanadium	6.26	+/-20	U	40.0	P	10/10/2025	17:08	LB137500
	Zinc	16.7	+/-20	U	40.0	P	10/10/2025	17:08	LB137500

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Metals
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PREPARATION BLANK SUMMARY

Client: Weston Solutions, Inc. **SDG No.:** Q3321

Instrument: CV1

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB170072BL		**SOLID**		**Batch Number:**	**PB170072**		**Prep Date:**	**10/13/2025**	
	Mercury	0.0080	<0.014	U	0.014	CV	10/13/2025	14:06	LB137509

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Metals
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PREPARATION BLANK SUMMARY

Client: Weston Solutions, Inc. **SDG No.:** Q3321

Instrument: P4

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB170058BL		**SOLID**		**Batch Number:**	**PB170058**		**Prep Date:**	**10/10/2025**	
	Aluminum	0.84	<2.5	U	5.00	P	10/10/2025	14:35	LB137500
	Antimony	0.22	<1.25	U	2.50	P	10/10/2025	14:35	LB137500
	Arsenic	0.19	<0.5	U	1.00	P	10/10/2025	14:35	LB137500
	Barium	0.73	<2.5	U	5.00	P	10/10/2025	14:35	LB137500
	Beryllium	0.025	<0.15	U	0.30	P	10/10/2025	14:35	LB137500
	Cadmium	0.024	<0.15	U	0.30	P	10/10/2025	14:35	LB137500
	Calcium	11.1	<50	U	100	P	10/10/2025	14:35	LB137500
	Chromium	0.047	<0.25	U	0.50	P	10/10/2025	14:35	LB137500
	Cobalt	0.10	<0.75	U	1.50	P	10/10/2025	14:35	LB137500
	Copper	0.22	<0.5	U	1.00	P	10/10/2025	14:35	LB137500
	Iron	3.99	<2.5	U	5.00	P	10/10/2025	14:35	LB137500
	Lead	0.13	<0.3	U	0.60	P	10/10/2025	14:35	LB137500
	Magnesium	12.0	<50	U	100	P	10/10/2025	14:35	LB137500
	Manganese	0.14	<0.5	U	1.00	P	10/10/2025	14:35	LB137500
	Nickel	0.13	<1	U	2.00	P	10/10/2025	14:35	LB137500
	Potassium	27.7	<50	U	100	P	10/10/2025	14:35	LB137500
	Selenium	0.26	<0.5	U	1.00	P	10/10/2025	14:35	LB137500
	Silver	0.12	<0.25	U	0.50	P	10/10/2025	14:35	LB137500
	Sodium	17.8	<50	U	100	P	10/10/2025	14:35	LB137500
	Thallium	0.23	<1	U	2.00	P	10/10/2025	14:35	LB137500
	Vanadium	0.25	<1	U	2.00	P	10/10/2025	14:35	LB137500
	Zinc	0.23	<1	U	2.00	P	10/10/2025	14:35	LB137500

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Metals
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INTERFERENCE CHECK SAMPLE

Client: Weston Solutions, Inc. **SDG No.:** Q3321

Contract: ROYF02 **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	252000	255000	99	216000	294000	10/10/2025	12:29	LB137500
	Antimony	0.92			-50	50	10/10/2025	12:29	LB137500
	Arsenic	5.57			-20	20	10/10/2025	12:29	LB137500
	Barium	4.33	6.0	72	-94	106	10/10/2025	12:29	LB137500
	Beryllium	1.56			-6	6	10/10/2025	12:29	LB137500
	Cadmium	1.46	1.0	146	-5	7	10/10/2025	12:29	LB137500
	Calcium	243000	245000	99	208000	282000	10/10/2025	12:29	LB137500
	Chromium	49.5	52.0	95	42	62	10/10/2025	12:29	LB137500
	Cobalt	1.26			-30	30	10/10/2025	12:29	LB137500
	Copper	-7.17	2.0	358	-18	22	10/10/2025	12:29	LB137500
	Iron	99700	101000	99	85600	116500	10/10/2025	12:29	LB137500
	Lead	-2.66			-12	12	10/10/2025	12:29	LB137500
	Magnesium	253000	255000	99	216000	294000	10/10/2025	12:29	LB137500
	Manganese	-1.90	7.0	27	-13	27	10/10/2025	12:29	LB137500
	Nickel	3.68	2.0	184	-38	42	10/10/2025	12:29	LB137500
	Potassium	-15.0			0	0	10/10/2025	12:29	LB137500
	Selenium	-4.74			-20	20	10/10/2025	12:29	LB137500
	Silver	1.17			-10	10	10/10/2025	12:29	LB137500
	Sodium	55.0			0	0	10/10/2025	12:29	LB137500
	Thallium	17.3			-40	40	10/10/2025	12:29	LB137500
	Vanadium	7.63			-40	40	10/10/2025	12:29	LB137500
	Zinc	-6.80			-40	40	10/10/2025	12:29	LB137500
ICSAB01	Aluminum	258000	247000	104	209000	285000	10/10/2025	12:33	LB137500
	Antimony	628	618	102	525	711	10/10/2025	12:33	LB137500
	Arsenic	111	104	107	88.4	120	10/10/2025	12:33	LB137500
	Barium	517	537	96	437	637	10/10/2025	12:33	LB137500
	Beryllium	518	495	105	420	570	10/10/2025	12:33	LB137500
	Cadmium	1030	972	106	826	1120	10/10/2025	12:33	LB137500
	Calcium	245000	235000	104	199000	271000	10/10/2025	12:33	LB137500
	Chromium	586	542	108	460	624	10/10/2025	12:33	LB137500
	Cobalt	521	476	110	404	548	10/10/2025	12:33	LB137500
	Copper	492	511	96	434	588	10/10/2025	12:33	LB137500
	Iron	107000	99300	108	84400	114500	10/10/2025	12:33	LB137500
	Lead	47.9	49.0	98	37	61	10/10/2025	12:33	LB137500
	Magnesium	258000	248000	104	210000	286000	10/10/2025	12:33	LB137500
	Manganese	499	507	98	430	584	10/10/2025	12:33	LB137500
	Nickel	1040	954	109	810	1100	10/10/2025	12:33	LB137500
	Potassium	-27.6			0	0	10/10/2025	12:33	LB137500
	Selenium	50.3	46.0	109	26	66	10/10/2025	12:33	LB137500
	Silver	222	201	110	170	232	10/10/2025	12:33	LB137500
	Sodium	113			0	0	10/10/2025	12:33	LB137500
	Thallium	113	108	105	68	148	10/10/2025	12:33	LB137500

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Metals
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INTERFERENCE CHECK SAMPLE

Client: Weston Solutions, Inc. **SDG No.:** Q3321

Contract: ROYF02 **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	Vanadium	513	491	104	417	565	10/10/2025	12:33	LB137500
	Zinc	1090	952	114	809	1095	10/10/2025	12:33	LB137500

METAL QC DATA

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metals
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MATRIX SPIKE SUMMARY

client: Weston Solutions, Inc. **level:** low **sdg no.:** Q3321

contract: ROYF02 **lab code:** ACE

matrix: Solid **sample id:** Q3322-01 **client id:** OR-02-100925MS

Percent Solids for Sample: 93 **Spiked ID:** Q3322-01MS **Percent Solids for Spike Sample:** 93

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	8120		8280		92.7	-175		P
Antimony	mg/Kg	75 - 125	15.7		2.40	U	37.1	42	N	P
Arsenic	mg/Kg	75 - 125	33.9		2.89		37.1	84		P
Barium	mg/Kg	75 - 125	43.6		35.7		9.3	86		P
Beryllium	mg/Kg	75 - 125	8.31		0.52		9.3	84		P
Cadmium	mg/Kg	75 - 125	9.62		0.46		9.3	99		P
Calcium	mg/Kg	75 - 125	5130		3470		46.3	3595		P
Chromium	mg/Kg	75 - 125	26.3		9.23		18.5	92		P
Cobalt	mg/Kg	75 - 125	17.2		7.47		9.3	105		P
Copper	mg/Kg	75 - 125	25.4		14.9		13.9	76		P
Iron	mg/Kg	75 - 125	14600		14000		140	451		P
Lead	mg/Kg	75 - 125	77.8		23.3		46.3	118		P
Magnesium	mg/Kg	75 - 125	3850		3290		92.7	604		P
Manganese	mg/Kg	75 - 125	227		238		9.3	-124		P
Nickel	mg/Kg	75 - 125	36.1		12.3		23.2	103		P
Potassium	mg/Kg	75 - 125	1230		636		460	129	N	P
Selenium	mg/Kg	75 - 125	71.2		0.96	U	92.7	77		P
Silver	mg/Kg	75 - 125	3.54		0.24	J	3.5	94		P
Sodium	mg/Kg	75 - 125	562		414		140	105		P
Thallium	mg/Kg	75 - 125	80.6		1.92	U	92.7	87		P
Vanadium	mg/Kg	75 - 125	35.8		25.1		13.9	77		P
Zinc	mg/Kg	75 - 125	43.1		34.6		9.3	91		P

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metals
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MATRIX SPIKE DUPLICATE SUMMARY

client: Weston Solutions, Inc. **level:** low **sdg no.:** Q3321

contract: ROYF02 **lab code:** ACE

matrix: Solid **sample id:** Q3322-01 **client id:** OR-02-100925MSD

Percent Solids for Sample: 93 **Spiked ID:** Q3322-01MSD **Percent Solids for Spike Sample:** 93

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	8270		8280		94.3	-13		P
Antimony	mg/Kg	75 - 125	19.0		2.40	U	37.7	50	N	P
Arsenic	mg/Kg	75 - 125	34.4		2.89		37.7	83		P
Barium	mg/Kg	75 - 125	43.9		35.7		9.4	88		P
Beryllium	mg/Kg	75 - 125	7.95		0.52		9.4	79		P
Cadmium	mg/Kg	75 - 125	9.49		0.46		9.4	96		P
Calcium	mg/Kg	75 - 125	4310		3470		47.2	1769		P
Chromium	mg/Kg	75 - 125	26.9		9.23		18.9	94		P
Cobalt	mg/Kg	75 - 125	16.8		7.47		9.4	99		P
Copper	mg/Kg	75 - 125	24.8		14.9		14.1	70	N	P
Iron	mg/Kg	75 - 125	15100		14000		140	773		P
Lead	mg/Kg	75 - 125	71.7		23.3		47.2	102		P
Magnesium	mg/Kg	75 - 125	3690		3290		94.3	420		P
Manganese	mg/Kg	75 - 125	223		238		9.4	-167		P
Nickel	mg/Kg	75 - 125	35.7		12.3		23.6	99		P
Potassium	mg/Kg	75 - 125	1250		636		470	130	N	P
Selenium	mg/Kg	75 - 125	72.5		0.96	U	94.3	77		P
Silver	mg/Kg	75 - 125	3.86		0.24	J	3.5	103		P
Sodium	mg/Kg	75 - 125	591		414		140	126	N	P
Thallium	mg/Kg	75 - 125	82.2		1.92	U	94.3	87		P
Vanadium	mg/Kg	75 - 125	36.1		25.1		14.1	78		P
Zinc	mg/Kg	75 - 125	41.8		34.6		9.4	77		P

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metals
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MATRIX SPIKE SUMMARY

client: Weston Solutions, Inc. **level:** low **sdg no.:** Q3321

contract: ROYF02 **lab code:** ACE

matrix: Solid **sample id:** Q3327-01 **client id:** HADLEY-ROAD-TPMS

Percent Solids for Sample: 88.2 **Spiked ID:** Q3327-01MS **Percent Solids for Spike Sample:** 88.2

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.25		0.013	J	0.28	85		CV

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metals
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MATRIX SPIKE DUPLICATE SUMMARY

client: Weston Solutions, Inc. **level:** low **sdg no.:** Q3321

contract: ROYF02 **lab code:** ACE

matrix: Solid **sample id:** Q3327-01 **client id:** HADLEY-ROAD-TPMSD

Percent Solids for Sample: 88.2 **Spiked ID:** Q3327-01MSD **Percent Solids for Spike Sample:** 88.2

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.27		0.013	J	0.29	89		CV

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Metals
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POST DIGEST SPIKE SUMMARY

Client: Weston Solutions, Inc. **SDG No.:** Q3321

Contract: ROYF02 **Lab Code:** ACE

Matrix: Solid **Level:** LOW **Client ID:** OR-02-100925A

Sample ID: Q3322-01 **Spiked ID:** Q3322-01A

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Antimony	mg/Kg	75 - 125	5.53		2.40	U	38.4	14	N	P
Copper	mg/Kg	75 - 125	19.2		14.9		14.4	30	N	P
Potassium	mg/Kg	75 - 125	817		636		480	38	N	P
Sodium	mg/Kg	75 - 125	514		414		140	71	N	P

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: Weston Solutions, Inc. **Level:** LOW **SDG No.:** Q3321

Contract: ROYF02 **Lab Code:** ACE

Matrix: Solid **Sample ID:** Q3322-01 **Client ID:** OR-02-100925DUP

Percent Solids for Sample: 93 **Duplicate ID** Q3322-01DUP **Percent Solids for Spike Sample:** 93

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	8280		8360		1		P
Antimony	mg/Kg	20	2.40	U	2.40	U			P
Arsenic	mg/Kg	20	2.89		2.99		3		P
Barium	mg/Kg	20	35.7		35.5		1		P
Beryllium	mg/Kg	20	0.52		0.52		1		P
Cadmium	mg/Kg	20	0.46		0.49		7		P
Calcium	mg/Kg	20	3470		3420		1		P
Chromium	mg/Kg	20	9.23		9.72		5		P
Cobalt	mg/Kg	20	7.47		7.76		4		P
Copper	mg/Kg	20	14.9		15.4		3		P
Iron	mg/Kg	20	14000		14600		4		P
Lead	mg/Kg	20	23.3		24.3		4		P
Magnesium	mg/Kg	20	3290		3310		1		P
Manganese	mg/Kg	20	238		233		2		P
Nickel	mg/Kg	20	12.3		12.7		3		P
Potassium	mg/Kg	20	636		682		7		P
Selenium	mg/Kg	20	0.96	U	0.96	U			P
Silver	mg/Kg	20	0.24	J	0.28	J	13		P
Sodium	mg/Kg	20	414		436		5		P
Thallium	mg/Kg	20	1.92	U	1.92	U			P
Vanadium	mg/Kg	20	25.1		25.2		0		P
Zinc	mg/Kg	20	34.6		35.1		1		P

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

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: Weston Solutions, Inc. **Level:** LOW **SDG No.:** Q3321

Contract: ROYF02 **Lab Code:** ACE

Matrix: Solid **Sample ID:** Q3322-01MS **Client ID:** OR-02-100925MSD

Percent Solids for Sample: 93 **Duplicate ID** Q3322-01MSD **Percent Solids for Spike Sample:** 93

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	8120		8270		2		P
Antimony	mg/Kg	20	15.7		19.0		19		P
Arsenic	mg/Kg	20	33.9		34.4		1		P
Barium	mg/Kg	20	43.6		43.9		1		P
Beryllium	mg/Kg	20	8.31		7.95		4		P
Cadmium	mg/Kg	20	9.62		9.49		1		P
Calcium	mg/Kg	20	5130		4310		17		P
Chromium	mg/Kg	20	26.3		26.9		2		P
Cobalt	mg/Kg	20	17.2		16.8		2		P
Copper	mg/Kg	20	25.4		24.8		2		P
Iron	mg/Kg	20	14600		15100		3		P
Lead	mg/Kg	20	77.8		71.7		8		P
Magnesium	mg/Kg	20	3850		3690		4		P
Manganese	mg/Kg	20	227		223		2		P
Nickel	mg/Kg	20	36.1		35.7		1		P
Potassium	mg/Kg	20	1230		1250		2		P
Selenium	mg/Kg	20	71.2		72.5		2		P
Silver	mg/Kg	20	3.54		3.86		9		P
Sodium	mg/Kg	20	562		591		5		P
Thallium	mg/Kg	20	80.6		82.2		2		P
Vanadium	mg/Kg	20	35.8		36.1		1		P
Zinc	mg/Kg	20	43.1		41.8		3		P

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

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: Weston Solutions, Inc. **Level:** LOW **SDG No.:** Q3321

Contract: ROYF02 **Lab Code:** ACE

Matrix: Solid **Sample ID:** Q3327-01 **Client ID:** HADLEY-ROAD-TPDUP

Percent Solids for Sample: 88.2 **Duplicate ID** Q3327-01DUP **Percent Solids for Spike Sample:** 88.2

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	mg/Kg	20	0.013	J	0.012	J	8		CV

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

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: Weston Solutions, Inc. **Level:** LOW **SDG No.:** Q3321

Contract: ROYF02 **Lab Code:** ACE

Matrix: Solid **Sample ID:** Q3327-01MS **Client ID:** HADLEY-ROAD-TPMSD

Percent Solids for Sample: 88.2 **Duplicate ID** Q3327-01MSD **Percent Solids for Spike Sample:** 88.2

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	mg/Kg	20	0.25		0.27		8		CV

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

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LABORATORY CONTROL SAMPLE SUMMARY

Client: Weston Solutions, Inc. **SDG No.:** Q3321

Contract: ROYF02 **Lab Code:** ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB170058BS							
Aluminum	mg/Kg	100	96.5		96	80 - 120	P
Antimony	mg/Kg	40.0	40.7		102	80 - 120	P
Arsenic	mg/Kg	40.0	38.5		96	80 - 120	P
Barium	mg/Kg	10.0	9.35		94	80 - 120	P
Beryllium	mg/Kg	10.0	9.04		90	80 - 120	P
Cadmium	mg/Kg	10.0	9.22		92	80 - 120	P
Calcium	mg/Kg	50.0	45.8	J	92	80 - 120	P
Chromium	mg/Kg	20.0	20.1		100	80 - 120	P
Cobalt	mg/Kg	10.0	9.53		95	80 - 120	P
Copper	mg/Kg	15.0	15.1		101	80 - 120	P
Iron	mg/Kg	150	165		110	80 - 120	P
Lead	mg/Kg	50.0	46.3		93	80 - 120	P
Magnesium	mg/Kg	100	97.0	J	97	80 - 120	P
Manganese	mg/Kg	10.0	9.47		95	80 - 120	P
Nickel	mg/Kg	25.0	23.9		96	80 - 120	P
Potassium	mg/Kg	500	547		109	80 - 120	P
Selenium	mg/Kg	100	97.2		97	80 - 120	P
Silver	mg/Kg	3.8	3.85		101	80 - 120	P
Sodium	mg/Kg	150	169		113	80 - 120	P
Thallium	mg/Kg	100	81.6		82	80 - 120	P
Vanadium	mg/Kg	15.0	14.5		97	80 - 120	P
Zinc	mg/Kg	10.0	10.5		105	80 - 120	P

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LABORATORY CONTROL SAMPLE SUMMARY

Client: Weston Solutions, Inc. **SDG No.:** Q3321

Contract: ROYF02 **Lab Code:** ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB170072BS							
Mercury	mg/Kg	0.28	0.25		88	80 - 120	CV

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Metals

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ICP SERIAL DILUTIONS

SAMPLE NO.

OR-02-100925L

Lab Name: Alliance **Contract:** ROYF02

Lab Code: ACE **Lb No.:** lb137500 **Lab Sample ID :** Q3322-01L **SDG No.:** Q3321

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

Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Aluminum	8280		9200		11		P
Antimony	2.40	U	12.0	U			P
Arsenic	2.89		2.60	J	10		P
Barium	35.7		38.5		8		P
Beryllium	0.52		0.64	J	23		P
Cadmium	0.46		1.44	U	100.0		P
Calcium	3470		3950		14		P
Chromium	9.23		10.9		18		P
Cobalt	7.47		7.13	J	4		P
Copper	14.9		17.7		19		P
Iron	14000		16200		16		P
Lead	23.3		23.6		1		P
Magnesium	3290		3730		13		P
Manganese	238		267		12		P
Nickel	12.3		12.0		2		P
Potassium	636		771		21		P
Selenium	0.96	U	4.80	U			P
Silver	0.24	J	2.40	U	100.0		P
Sodium	414		455	J	10		P
Thallium	1.92	U	9.60	U			P
Vanadium	25.1		29.1		16		P
Zinc	34.6		39.5		14		P

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Metals

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ICP SERIAL DILUTIONS

SAMPLE NO.

HADLEY-ROAD-TPL

Lab Name: Alliance **Contract:** ROYF02

Lab Code: ACE **Lb No.:** lb137509 **Lab Sample ID :** Q3327-01L **SDG No.:** Q3321

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

Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Mercury	0.013	J	0.071	U	100.0		CV

METAL PREPARATION & INSTRUMENT DATA

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Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: Weston Solutions, Inc. **SDG No.:** Q3321

Contract: ROYF02 **Lab Code:** ACE

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Al	Ca	Fe	Mg	Ag
Aluminum	396.100	0.0000000	-0.0002060	0.0000000	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	-0.0000440	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000930	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	-0.0075970	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0007850	0.0000000	0.0000000
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	-0.0000920	0.0000000	0.0000380	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	-0.0001440	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	-0.0001490	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0001050	0.0000000	0.0000000

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Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: Weston Solutions, Inc. **SDG No.:** Q3321

Contract: ROYF02 **Lab Code:** ACE

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: As	Ba	Be	Cd	Co
Aluminum	396.100	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0002870
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0000000	0.0009530
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	-0.0039600
Lead	220.353	0.0000000	0.0003170	0.0000000	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	-0.0003570
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0054900
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

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ICP INTERELEMENT CORRECTION FACTORS

Client: Weston Solutions, Inc. **SDG No.:** Q3321

Contract: ROYF02 **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

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ICP INTERELEMENT CORRECTION FACTORS

Client: Weston Solutions, Inc. **SDG No.:** Q3321

Contract: ROYF02 **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

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ICP INTERELEMENT CORRECTION FACTORS

Client: Weston Solutions, Inc. **SDG No.:** Q3321

Contract: ROYF02 **Lab Code:** ACE

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Sn	Ti	Tl	V	Zn
Aluminum	396.100	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.833	-0.0035600	-0.0007970	0.0000000	-0.0018900	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000630	0.0001280	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0001110	0.0000000
Cobalt	228.616	0.0000000	0.0018800	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0003840	0.0000000	0.0000000	0.0000000
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	-0.0003610	0.0000000	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	-0.0007420	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	-0.0039700	0.0000000	-0.0115600	0.0000000
Vanadium	292.402	0.0000000	0.0005320	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

METAL PREPARATION & ANALYICAL SUMMARY

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SAMPLE PREPARATION SUMMARY

Client: Weston Solutions, Inc. **SDG No.:** Q3321

Contract: ROYF02 **Lab Code:** ACE **Method:**

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB170058**						
PB170058BL	PB170058BL	MB	SOLID	10/10/2025	2.00	100.0	100.00
PB170058BS	PB170058BS	LCS	SOLID	10/10/2025	2.00	100.0	100.00
Q3321-01	P001-DS-01	SAM	SOLID	10/10/2025	2.25	100.0	78.40
Q3322-01DUP	OR-02-100925DUP	DUP	SOLID	10/10/2025	2.24	100.0	93.00
Q3322-01MS	OR-02-100925MS	MS	SOLID	10/10/2025	2.32	100.0	93.00
Q3322-01MSD	OR-02-100925MSD	MSD	SOLID	10/10/2025	2.28	100.0	93.00

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SAMPLE PREPARATION SUMMARY

Client: Weston Solutions, Inc. **SDG No.:** Q3321

Contract: ROYF02 **Lab Code:** ACE **Method:**

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB170072**						
PB170072BL	PB170072BL	MB	SOLID	10/13/2025	0.50	35.0	100.00
PB170072BS	PB170072BS	LCS	SOLID	10/13/2025	0.50	35.0	100.00
Q3321-01	P001-DS-01	SAM	SOLID	10/13/2025	0.57	35.0	78.40
Q3327-01DUP	HADLEY-ROAD-TPDUP	DUP	SOLID	10/13/2025	0.55	35.0	88.20
Q3327-01MS	HADLEY-ROAD-TPMS	MS	SOLID	10/13/2025	0.56	35.0	88.20
Q3327-01MSD	HADLEY-ROAD-TPMSD	MSD	SOLID	10/13/2025	0.54	35.0	88.20

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ANALYSIS RUN LOG

Client: Weston Solutions, Inc. **Contract:** ROYF02

Lab code: ACE **Sdg no.:** Q3321

Instrument id number: **Method:** **Run number:** LB137500

Start date: 10/10/2025 **End date:** 10/10/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1127	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S1	S1	1	1131	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	1136	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	1140	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	1144	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	1148	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICV01	ICV01	1	1152	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
LLICV01	LLICV01	1	1200	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	1211	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CRI01	CRI01	1	1215	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	1229	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	1233	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	1252	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	1257	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	1404	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	1410	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB170058BL	PB170058BL	1	1435	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB170058BS	PB170058BS	1	1448	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	1537	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	1541	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3321-01	P001-DS-01	1	1545	Al,As,Ba,Be,Ca,Cd,Co,Cr,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3322-01DUP	OR-02-100925DUP	1	1554	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3322-01L	OR-02-100925L	5	1558	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3322-01MS	OR-02-100925MS	1	1602	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3322-01MSD	OR-02-100925MSD	1	1606	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3322-01A	OR-02-100925A	1	1609	Cu,K,Na,Sb
Q3321-01	P001-DS-01	5	1613	Ag,Cu,Fe
CCV04	CCV04	1	1629	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	1633	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	1704	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	1708	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn

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ANALYSIS RUN LOG

Client: Weston Solutions, Inc. **Contract:** ROYF02

Lab code: ACE **Sdg no.:** Q3321

Instrument id number: **Method:** **Run number:** LB137509

Start date: 10/13/2025 **End date:** 10/13/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1327	HG
S0.2	S0.2	1	1330	HG
S2.5	S2.5	1	1332	HG
S5	S5	1	1334	HG
S7.5	S7.5	1	1337	HG
S10	S10	1	1343	HG
ICV68	ICV68	1	1349	HG
ICB68	ICB68	1	1351	HG
CCV19	CCV19	1	1354	HG
CCB19	CCB19	1	1356	HG
CRA	CRA	1	1358	HG
PB170072BL	PB170072BL	1	1406	HG
PB170072BS	PB170072BS	1	1411	HG
Q3321-01	P001-DS-01	1	1414	HG
CCV20	CCV20	1	1427	HG
CCB20	CCB20	1	1429	HG
Q3327-01DUP	HADLEY-ROAD-TPDUP	1	1449	HG
Q3327-01MS	HADLEY-ROAD-TPMS	1	1452	HG
Q3327-01MSD	HADLEY-ROAD-TPMSD	1	1454	HG
CCV21	CCV21	1	1457	HG
CCB21	CCB21	1	1459	HG
Q3327-01L	HADLEY-ROAD-TPL	5	1504	HG
CCV22	CCV22	1	1509	HG
CCB22	CCB22	1	1511	HG