

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	
Q3321-02	P001-DS-01	TCLP			10/08/25			10/09/25
			TCLP ICP Metals	6010D		10/13/25	10/13/25	
			TCLP Mercury	7470A		10/13/25	10/14/25	



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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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								
Q3321-02	P001-DS-01	TCLP	Barium	1970		72.8	500	ug/L
Q3321-02	P001-DS-01	TCLP	Cadmium	580		2.50	30.0	ug/L
Q3321-02	P001-DS-01	TCLP	Chromium	21.7	J	10.6	50.0	ug/L
Q3321-02	P001-DS-01	TCLP	Lead	257		11.5	60.0	ug/L



SAMPLE DATA

Report of Analysis

Client: Weston Solutions, Inc.
Project: RFP 918
Client Sample ID: P001-DS-01
Lab Sample ID: Q3321-02
Level (low/med): low

Date Collected: 10/08/25
Date Received: 10/09/25
SDG No.: Q3321
Matrix: TCLP
% Solid: 0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-38-2	Arsenic	25.6	U	1	25.6	100	ug/L	10/13/25 12:30	10/13/25 17:24	6010D	SW3050
7440-39-3	Barium	1970		1	72.8	500	ug/L	10/13/25 12:30	10/13/25 17:24	6010D	SW3050
7440-43-9	Cadmium	580		1	2.50	30.0	ug/L	10/13/25 12:30	10/13/25 17:24	6010D	SW3050
7440-47-3	Chromium	21.7	J	1	10.6	50.0	ug/L	10/13/25 12:30	10/13/25 17:24	6010D	SW3050
7439-92-1	Lead	257		1	11.5	60.0	ug/L	10/13/25 12:30	10/13/25 17:24	6010D	SW3050
7439-97-6	Mercury	0.76	U	1	0.76	2.00	ug/L	10/13/25 15:10	10/14/25 11:41	7470A	
7782-49-2	Selenium	48.2	U	1	48.2	100	ug/L	10/13/25 12:30	10/13/25 17:24	6010D	SW3050
7440-22-4	Silver	8.10	U	1	8.10	50.0	ug/L	10/13/25 12:30	10/13/25 17:24	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

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
ICV70	Mercury	4.34	4.0	108	90 - 110	CV	10/14/2025	11:07	LB137514

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
CCV26	Mercury	4.92	5.0	98	90 - 110	CV	10/14/2025	11:17	LB137514
CCV27	Mercury	4.71	5.0	94	90 - 110	CV	10/14/2025	11:53	LB137514
CCV28	Mercury	5.11	5.0	102	90 - 110	CV	10/14/2025	12:22	LB137514
CCV29	Mercury	5.05	5.0	101	90 - 110	CV	10/14/2025	12:38	LB137514

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: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Arsenic	4000	4000	100	90 - 110	P	10/13/2025	12:46	LB137518
	Barium	7730	8000	97	90 - 110	P	10/13/2025	12:46	LB137518
	Cadmium	1990	2000	99	90 - 110	P	10/13/2025	12:46	LB137518
	Chromium	816	800	102	90 - 110	P	10/13/2025	12:46	LB137518
	Lead	3900	4000	98	90 - 110	P	10/13/2025	12:46	LB137518
	Selenium	4040	4000	101	90 - 110	P	10/13/2025	12:46	LB137518
	Silver	957	1000	96	90 - 110	P	10/13/2025	12:46	LB137518

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: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Arsenic	20.8	20.0	104	80 - 120	P	10/13/2025	12:51	LB137518
	Barium	107	100	107	80 - 120	P	10/13/2025	12:51	LB137518
	Cadmium	6.16	6.0	103	80 - 120	P	10/13/2025	12:51	LB137518
	Chromium	10.8	10.0	108	80 - 120	P	10/13/2025	12:51	LB137518
	Lead	12.1	12.0	101	80 - 120	P	10/13/2025	12:51	LB137518
	Selenium	21.8	20.0	109	80 - 120	P	10/13/2025	12:51	LB137518
	Silver	10.8	10.0	108	80 - 120	P	10/13/2025	12:51	LB137518

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: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Arsenic	5020	5000	100	90 - 110	P	10/13/2025	13:21	LB137518
	Barium	9880	10000	99	90 - 110	P	10/13/2025	13:21	LB137518
	Cadmium	2480	2500	99	90 - 110	P	10/13/2025	13:21	LB137518
	Chromium	1000	1000	100	90 - 110	P	10/13/2025	13:21	LB137518
	Lead	4920	5000	98	90 - 110	P	10/13/2025	13:21	LB137518
	Selenium	5050	5000	101	90 - 110	P	10/13/2025	13:21	LB137518
	Silver	1230	1250	99	90 - 110	P	10/13/2025	13:21	LB137518
CCV02	Arsenic	5070	5000	102	90 - 110	P	10/13/2025	14:18	LB137518
	Barium	9900	10000	99	90 - 110	P	10/13/2025	14:18	LB137518
	Cadmium	2510	2500	100	90 - 110	P	10/13/2025	14:18	LB137518
	Chromium	1030	1000	103	90 - 110	P	10/13/2025	14:18	LB137518
	Lead	4980	5000	100	90 - 110	P	10/13/2025	14:18	LB137518
	Selenium	5080	5000	102	90 - 110	P	10/13/2025	14:18	LB137518
	Silver	1270	1250	102	90 - 110	P	10/13/2025	14:18	LB137518
CCV03	Arsenic	5040	5000	101	90 - 110	P	10/13/2025	16:04	LB137518
	Barium	9870	10000	99	90 - 110	P	10/13/2025	16:04	LB137518
	Cadmium	2540	2500	102	90 - 110	P	10/13/2025	16:04	LB137518
	Chromium	1050	1000	105	90 - 110	P	10/13/2025	16:04	LB137518
	Lead	5010	5000	100	90 - 110	P	10/13/2025	16:04	LB137518
	Selenium	5030	5000	100	90 - 110	P	10/13/2025	16:04	LB137518
	Silver	1280	1250	102	90 - 110	P	10/13/2025	16:04	LB137518
CCV04	Arsenic	5020	5000	100	90 - 110	P	10/13/2025	17:02	LB137518
	Barium	9520	10000	95	90 - 110	P	10/13/2025	17:02	LB137518
	Cadmium	2520	2500	101	90 - 110	P	10/13/2025	17:02	LB137518
	Chromium	1040	1000	104	90 - 110	P	10/13/2025	17:02	LB137518
	Lead	4970	5000	99	90 - 110	P	10/13/2025	17:02	LB137518
	Selenium	5010	5000	100	90 - 110	P	10/13/2025	17:02	LB137518
	Silver	1270	1250	101	90 - 110	P	10/13/2025	17:02	LB137518
CCV05	Arsenic	4820	5000	96	90 - 110	P	10/13/2025	18:11	LB137518
	Barium	9440	10000	94	90 - 110	P	10/13/2025	18:11	LB137518
	Cadmium	2440	2500	97	90 - 110	P	10/13/2025	18:11	LB137518
	Chromium	1000	1000	100	90 - 110	P	10/13/2025	18:11	LB137518
	Lead	4810	5000	96	90 - 110	P	10/13/2025	18:11	LB137518
	Selenium	4810	5000	96	90 - 110	P	10/13/2025	18:11	LB137518

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: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV05	Silver	1210	1250	97	90 - 110	P	10/13/2025	18:11	LB137518
CCV06	Arsenic	5150	5000	103	90 - 110	P	10/13/2025	18:56	LB137518
	Barium	10100	10000	101	90 - 110	P	10/13/2025	18:56	LB137518
	Cadmium	2540	2500	102	90 - 110	P	10/13/2025	18:56	LB137518
	Chromium	1060	1000	106	90 - 110	P	10/13/2025	18:56	LB137518
	Lead	5040	5000	101	90 - 110	P	10/13/2025	18:56	LB137518
	Selenium	5170	5000	103	90 - 110	P	10/13/2025	18:56	LB137518
	Silver	1290	1250	104	90 - 110	P	10/13/2025	18:56	LB137518
CCV07	Arsenic	4860	5000	97	90 - 110	P	10/13/2025	19:46	LB137518
	Barium	9600	10000	96	90 - 110	P	10/13/2025	19:46	LB137518
	Cadmium	2460	2500	98	90 - 110	P	10/13/2025	19:46	LB137518
	Chromium	1010	1000	101	90 - 110	P	10/13/2025	19:46	LB137518
	Lead	4850	5000	97	90 - 110	P	10/13/2025	19:46	LB137518
	Selenium	4860	5000	97	90 - 110	P	10/13/2025	19:46	LB137518
	Silver	1230	1250	99	90 - 110	P	10/13/2025	19:46	LB137518



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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	Arsenic	21.4	20.0	107	65 - 135	P	10/13/2025	13:00	LB137518
	Barium	107	100	107	65 - 135	P	10/13/2025	13:00	LB137518
	Cadmium	6.08	6.0	101	65 - 135	P	10/13/2025	13:00	LB137518
	Chromium	10.6	10.0	106	65 - 135	P	10/13/2025	13:00	LB137518
	Lead	12.6	12.0	105	65 - 135	P	10/13/2025	13:00	LB137518
	Selenium	22.6	20.0	113	65 - 135	P	10/13/2025	13:00	LB137518
	Silver	10.7	10.0	107	65 - 135	P	10/13/2025	13:00	LB137518
CRA	Mercury	0.17	0.2	87	70 - 130	CV	10/14/2025	11:24	LB137514



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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
ICB70	Mercury	0.076	+/-0.2	U	0.20	CV	10/14/2025	11:12	LB137514

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
CCB26	Mercury	0.076	+/-0.2	U	0.20	CV	10/14/2025	11:22	LB137514
CCB27	Mercury	0.076	+/-0.2	U	0.20	CV	10/14/2025	11:55	LB137514
CCB28	Mercury	0.076	+/-0.2	U	0.20	CV	10/14/2025	12:25	LB137514
CCB29	Mercury	0.076	+/-0.2	U	0.20	CV	10/14/2025	12:41	LB137514

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	Arsenic	5.12	+/-10	U	20.0	P	10/13/2025	12:55	LB137518
	Barium	14.6	+/-50	U	100	P	10/13/2025	12:55	LB137518
	Cadmium	0.50	+/-3	U	6.00	P	10/13/2025	12:55	LB137518
	Chromium	2.12	+/-5	U	10.0	P	10/13/2025	12:55	LB137518
	Lead	2.30	+/-6	U	12.0	P	10/13/2025	12:55	LB137518
	Selenium	9.64	+/-10	U	20.0	P	10/13/2025	12:55	LB137518
	Silver	1.62	+/-5	U	10.0	P	10/13/2025	12:55	LB137518

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
CCB01	Arsenic	5.12	+/-10	U	20.0	P	10/13/2025	13:25	LB137518
	Barium	14.6	+/-50	U	100	P	10/13/2025	13:25	LB137518
	Cadmium	0.50	+/-3	U	6.00	P	10/13/2025	13:25	LB137518
	Chromium	2.12	+/-5	U	10.0	P	10/13/2025	13:25	LB137518
	Lead	2.30	+/-6	U	12.0	P	10/13/2025	13:25	LB137518
	Selenium	9.64	+/-10	U	20.0	P	10/13/2025	13:25	LB137518
	Silver	1.62	+/-5	U	10.0	P	10/13/2025	13:25	LB137518
CCB02	Arsenic	5.12	+/-10	U	20.0	P	10/13/2025	14:22	LB137518
	Barium	14.6	+/-50	U	100	P	10/13/2025	14:22	LB137518
	Cadmium	0.50	+/-3	U	6.00	P	10/13/2025	14:22	LB137518
	Chromium	2.12	+/-5	U	10.0	P	10/13/2025	14:22	LB137518
	Lead	2.30	+/-6	U	12.0	P	10/13/2025	14:22	LB137518
	Selenium	9.64	+/-10	U	20.0	P	10/13/2025	14:22	LB137518
	Silver	1.62	+/-5	U	10.0	P	10/13/2025	14:22	LB137518
CCB03	Arsenic	5.12	+/-10	U	20.0	P	10/13/2025	16:08	LB137518
	Barium	14.6	+/-50	U	100	P	10/13/2025	16:08	LB137518
	Cadmium	0.50	+/-3	U	6.00	P	10/13/2025	16:08	LB137518
	Chromium	2.12	+/-5	U	10.0	P	10/13/2025	16:08	LB137518
	Lead	2.30	+/-6	U	12.0	P	10/13/2025	16:08	LB137518
	Selenium	9.64	+/-10	U	20.0	P	10/13/2025	16:08	LB137518
	Silver	1.62	+/-5	U	10.0	P	10/13/2025	16:08	LB137518
CCB04	Arsenic	5.12	+/-10	U	20.0	P	10/13/2025	17:06	LB137518
	Barium	14.6	+/-50	U	100	P	10/13/2025	17:06	LB137518
	Cadmium	0.50	+/-3	U	6.00	P	10/13/2025	17:06	LB137518
	Chromium	2.12	+/-5	U	10.0	P	10/13/2025	17:06	LB137518
	Lead	2.30	+/-6	U	12.0	P	10/13/2025	17:06	LB137518
	Selenium	9.64	+/-10	U	20.0	P	10/13/2025	17:06	LB137518
	Silver	1.62	+/-5	U	10.0	P	10/13/2025	17:06	LB137518
CCB05	Arsenic	5.12	+/-10	U	20.0	P	10/13/2025	18:15	LB137518
	Barium	14.6	+/-50	U	100	P	10/13/2025	18:15	LB137518
	Cadmium	0.50	+/-3	U	6.00	P	10/13/2025	18:15	LB137518
	Chromium	2.12	+/-5	U	10.0	P	10/13/2025	18:15	LB137518
	Lead	2.30	+/-6	U	12.0	P	10/13/2025	18:15	LB137518
	Selenium	9.64	+/-10	U	20.0	P	10/13/2025	18:15	LB137518
	Silver	1.62	+/-5	U	10.0	P	10/13/2025	18:15	LB137518
CCB06	Arsenic	5.12	+/-10	U	20.0	P	10/13/2025	19:01	LB137518
	Barium	14.6	+/-50	U	100	P	10/13/2025	19:01	LB137518
	Cadmium	0.50	+/-3	U	6.00	P	10/13/2025	19:01	LB137518
	Chromium	2.12	+/-5	U	10.0	P	10/13/2025	19:01	LB137518



- 3a -

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
CCB06	Lead	2.30	+/-6	U	12.0	P	10/13/2025	19:01	LB137518
	Selenium	9.64	+/-10	U	20.0	P	10/13/2025	19:01	LB137518
	Silver	1.62	+/-5	U	10.0	P	10/13/2025	19:01	LB137518
CCB07	Arsenic	5.12	+/-10	U	20.0	P	10/13/2025	19:50	LB137518
	Barium	14.6	+/-50	U	100	P	10/13/2025	19:50	LB137518
	Cadmium	0.50	+/-3	U	6.00	P	10/13/2025	19:50	LB137518
	Chromium	2.12	+/-5	U	10.0	P	10/13/2025	19:50	LB137518
	Lead	2.30	+/-6	U	12.0	P	10/13/2025	19:50	LB137518
	Selenium	9.64	+/-10	U	20.0	P	10/13/2025	19:50	LB137518
	Silver	1.62	+/-5	U	10.0	P	10/13/2025	19:50	LB137518

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Weston Solutions, Inc.

SDG No.: Q3321

Instrument: CV1

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB170062TB		WATER		Batch Number:	PB170073		Prep Date:	10/13/2025	
	Mercury	0.76	<2	U	2.00	CV	10/14/2025	12:27	LB137514
Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB170073BL		WATER		Batch Number:	PB170073		Prep Date:	10/13/2025	
	Mercury	0.076	<0.2	U	0.20	CV	10/14/2025	11:37	LB137514

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Weston Solutions, Inc.

SDG No.: Q3321

Instrument: P4

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB170062TB		WATER		Batch Number:	PB170074		Prep Date:	10/13/2025	
	Arsenic	25.6	<50	U	100	P	10/13/2025	17:20	LB137518
	Barium	72.8	<250	U	500	P	10/13/2025	17:20	LB137518
	Cadmium	2.50	<15	U	30.0	P	10/13/2025	17:20	LB137518
	Chromium	10.6	<25	U	50.0	P	10/13/2025	17:20	LB137518
	Lead	11.5	<30	U	60.0	P	10/13/2025	17:20	LB137518
	Selenium	48.2	<50	U	100	P	10/13/2025	17:20	LB137518
	Silver	8.10	<25	U	50.0	P	10/13/2025	17:20	LB137518
Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB170074BL		WATER		Batch Number:	PB170074		Prep Date:	10/13/2025	
	Arsenic	25.6	<50	U	100	P	10/13/2025	16:54	LB137518
	Barium	72.8	<250	U	500	P	10/13/2025	16:54	LB137518
	Cadmium	2.50	<15	U	30.0	P	10/13/2025	16:54	LB137518
	Chromium	10.6	<25	U	50.0	P	10/13/2025	16:54	LB137518
	Lead	11.5	<30	U	60.0	P	10/13/2025	16:54	LB137518
	Selenium	48.2	<50	U	100	P	10/13/2025	16:54	LB137518
	Silver	8.10	<25	U	50.0	P	10/13/2025	16:54	LB137518

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: <u>Weston Solutions, Inc.</u>	SDG No.: <u>Q3321</u>
Contract: <u>ROYF02</u>	Lab Code: <u>ACE</u>
ICS Source: <u>EPA</u>	Instrument ID: <u>P4</u>

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	Arsenic	12.5			-20	20	10/13/2025	13:04	LB137518
	Barium	6.08	6.0	101	-94	106	10/13/2025	13:04	LB137518
	Cadmium	1.68	1.0	168	-5	7	10/13/2025	13:04	LB137518
	Chromium	47.3	52.0	91	42	62	10/13/2025	13:04	LB137518
	Lead	-2.87			-12	12	10/13/2025	13:04	LB137518
	Selenium	13.3			-20	20	10/13/2025	13:04	LB137518
	Silver	-1.68			-10	10	10/13/2025	13:04	LB137518
ICSAB01	Arsenic	115	104	111	88.4	120	10/13/2025	13:08	LB137518
	Barium	495	537	92	437	637	10/13/2025	13:08	LB137518
	Cadmium	1000	972	103	826	1120	10/13/2025	13:08	LB137518
	Chromium	558	542	103	460	624	10/13/2025	13:08	LB137518
	Lead	45.6	49.0	93	37	61	10/13/2025	13:08	LB137518
	Selenium	59.2	46.0	129	26	66	10/13/2025	13:08	LB137518
	Silver	211	201	105	170	232	10/13/2025	13:08	LB137518



METAL QC DATA

metals
- 5a -
MATRIX SPIKE SUMMARY

client: <u>Weston Solutions, Inc.</u>	level: <u>low</u>	sdg no.: <u>Q3321</u>
contract: <u>ROYF02</u>		lab code: <u>ACE</u>
matrix: <u>Water</u>	sample id: <u>Q3327-02</u>	client id: <u>HADLEY-ROAD-TPMS</u>
Percent Solids for Sample: <u>NA</u>	Spiked ID: <u>Q3327-02MS</u>	Percent Solids for Spike Sample: <u>NA</u>

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Arsenic	ug/L	75 - 125	3980		100	U	4000	100		P
Barium	ug/L	75 - 125	2320		1300		1000	103		P
Cadmium	ug/L	75 - 125	981		30.0	U	1000	98		P
Chromium	ug/L	75 - 125	2090		50.0	U	2000	104		P
Lead	ug/L	75 - 125	4710		45.2	J	5000	93		P
Mercury	ug/L	75 - 125	47.4		2.00	U	40.0	118		CV
Selenium	ug/L	75 - 125	10100		100	U	10000	101		P
Silver	ug/L	75 - 125	348		50.0	U	380	92		P

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: <u>Weston Solutions, Inc.</u>	level: <u>low</u>	sdg no.: <u>Q3321</u>
contract: <u>ROYF02</u>		lab code: <u>ACE</u>
matrix: <u>Water</u>	sample id: <u>Q3327-02</u>	client id: <u>HADLEY-ROAD-TPMSD</u>
Percent Solids for Sample: <u>NA</u>	Spiked ID: <u>Q3327-02MSD</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
Arsenic	ug/L	75 - 125	3950		100	U	4000	99		P
Barium	ug/L	75 - 125	2250		1300		1000	95		P
Cadmium	ug/L	75 - 125	973		30.0	U	1000	97		P
Chromium	ug/L	75 - 125	2080		50.0	U	2000	104		P
Lead	ug/L	75 - 125	4670		45.2	J	5000	93		P
Mercury	ug/L	75 - 125	38.6		2.00	U	40.0	96		CV
Selenium	ug/L	75 - 125	9920		100	U	10000	99		P
Silver	ug/L	75 - 125	352		50.0	U	380	93		P



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

Metals
- 5b -

Client: Weston Solutions, Inc.

SDG No.: Q3321

Contract: ROYF02

Lab Code: ACE

Matrix:

Level: LOW

Client ID:

Sample ID:

Spiked ID:

Analyte	Units	Acceptance Limit %R	C	Sample Result	C	Spike Added	% Recovery	Qual	M
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- A
- B
- C
- D
- E
- F
- G
- H

Metals

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DUPLICATE SAMPLE SUMMARY

Client: Weston Solutions, Inc. **Level:** LOW **SDG No.:** Q3321
Contract: ROYF02 **Lab Code:** ACE
Matrix: Water **Sample ID:** Q3327-02 **Client ID:** HADLEY-ROAD-TPDUP
Percent Solids for Sample: NA **Duplicate ID** Q3327-02DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Arsenic	ug/L	20	100	U	100	U			P
Barium	ug/L	20	1300		1200		8		P
Cadmium	ug/L	20	30.0	U	30.0	U			P
Chromium	ug/L	20	50.0	U	50.0	U			P
Lead	ug/L	20	45.2	J	43.3	J	4		P
Mercury	ug/L	20	2.00	U	2.00	U			CV
Selenium	ug/L	20	100	U	100	U			P
Silver	ug/L	20	50.0	U	50.0	U			P

Metals

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DUPLICATE SAMPLE SUMMARY

Client: Weston Solutions, Inc. **Level:** LOW **SDG No.:** Q3321
Contract: ROYF02 **Lab Code:** ACE
Matrix: Water **Sample ID:** Q3327-02MS **Client ID:** HADLEY-ROAD-TPMSD
Percent Solids for Sample: NA **Duplicate ID** Q3327-02MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Arsenic	ug/L	20	3980		3950		1		P
Barium	ug/L	20	2320		2250		3		P
Cadmium	ug/L	20	981		973		1		P
Chromium	ug/L	20	2090		2080		0		P
Lead	ug/L	20	4710		4670		1		P
Mercury	ug/L	20	47.4		38.6		20		CV
Selenium	ug/L	20	10100		9920		2		P
Silver	ug/L	20	348		352		1		P

Metals

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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
PB170073BS Mercury	ug/L	4.0	4.20		105	80 - 120	CV

Metals

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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
PB170074BS							
Arsenic	ug/L	4000	3840		96	80 - 120	P
Barium	ug/L	1000	966		97	80 - 120	P
Cadmium	ug/L	1000	947		95	80 - 120	P
Chromium	ug/L	2000	2070		104	80 - 120	P
Lead	ug/L	5000	4660		93	80 - 120	P
Selenium	ug/L	10000	9660		97	80 - 120	P
Silver	ug/L	380	366		96	80 - 120	P

Metals
-9 -
ICP SERIAL DILUTIONS

SAMPLE NO.

HADLEY-ROAD-TPL

Lab Name: Alliance **Contract:** ROYF02
Lab Code: ACE **Lb No.:** lb137518 **Lab Sample ID :** Q3327-02L **SDG No.:** Q3321
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
Arsenic	100	U	500	U				P
Barium	1300		1370	J	5			P
Cadmium	30.0	U	150	U				P
Chromium	50.0	U	250	U				P
Lead	45.2	J	59.8	J	32			P
Mercury	2.00	U	10.0	U				CV
Selenium	100	U	500	U				P
Silver	50.0	U	250	U				P



METAL PREPARATION & INSTRUMENT DATA

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
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
Cadmium	226.502	0.0000000	0.0000000	0.0000930	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	-0.0000920	0.0000000	0.0000380	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

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
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
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0002870
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0003170	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

Metals

- 11 -

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
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
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000070	0.0002200	0.0000000
Lead	220.353	0.0000000	0.0000000	0.0000000	0.0001400	-0.0008600
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

Metals

- 11 -

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
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
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0006580	0.0000000	0.0000000	0.0001290
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

Metals

- 11 -

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
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
Cadmium	226.502	0.0000000	0.0000630	0.0001280	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0001110	0.0000000
Lead	220.353	0.0000000	-0.0003610	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

METAL
PREPARATION &
ANALYICAL
SUMMARY

Metals

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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(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB170073							
PB170062TB	PB170062TB	MB	WATER	10/13/2025	3.0	30.0	
PB170073BL	PB170073BL	MB	WATER	10/13/2025	30.0	30.0	
PB170073BS	PB170073BS	LCS	WATER	10/13/2025	30.0	30.0	
Q3321-02	P001-DS-01	SAM	WATER	10/13/2025	3.0	30.0	
Q3327-02DUP	HADLEY-ROAD-TPDUP	DUP	WATER	10/13/2025	3.0	30.0	
Q3327-02MS	HADLEY-ROAD-TPMS	MS	WATER	10/13/2025	3.0	30.0	
Q3327-02MSD	HADLEY-ROAD-TPMSD	MSD	WATER	10/13/2025	3.0	30.0	

Metals

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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(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB170074							
PB170062TB	PB170062TB	MB	WATER	10/13/2025	5.0	25.0	
PB170074BL	PB170074BL	MB	WATER	10/13/2025	5.0	25.0	
PB170074BS	PB170074BS	LCS	WATER	10/13/2025	5.0	25.0	
Q3321-02	P001-DS-01	SAM	WATER	10/13/2025	5.0	25.0	
Q3327-02DUP	HADLEY-ROAD-TPDUP	DUP	WATER	10/13/2025	5.0	25.0	
Q3327-02MS	HADLEY-ROAD-TPMS	MS	WATER	10/13/2025	5.0	25.0	
Q3327-02MSD	HADLEY-ROAD-TPMSD	MSD	WATER	10/13/2025	5.0	25.0	

metals
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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: LB137514

Start date: 10/14/2025

End date: 10/14/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1042	HG
S0.2	S0.2	1	1049	HG
S2.5	S2.5	1	1051	HG
S5	S5	1	1054	HG
S7.5	S7.5	1	1056	HG
S10	S10	1	1058	HG
ICV70	ICV70	1	1107	HG
ICB70	ICB70	1	1112	HG
CCV26	CCV26	1	1117	HG
CCB26	CCB26	1	1122	HG
CRA	CRA	1	1124	HG
PB170073BL	PB170073BL	1	1137	HG
PB170073BS	PB170073BS	1	1139	HG
Q3321-02	P001-DS-01	1	1141	HG
Q3327-02DUP	HADLEY-ROAD-TPDUP	1	1151	HG
CCV27	CCV27	1	1153	HG
CCB27	CCB27	1	1155	HG
Q3327-02MS	HADLEY-ROAD-TPMS	1	1157	HG
Q3327-02MSD	HADLEY-ROAD-TPMSD	1	1200	HG
CCV28	CCV28	1	1222	HG
CCB28	CCB28	1	1225	HG
PB170062TB	PB170062TB	1	1227	HG
Q3327-02L	HADLEY-ROAD-TPL	5	1229	HG
CCV29	CCV29	1	1238	HG
CCB29	CCB29	1	1241	HG

metals
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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: LB137518

Start date: 10/13/2025

End date: 10/13/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1212	Ag,As,Ba,Cd,Cr,Pb,Se
S1	S1	1	1217	Ag,As,Ba,Cd,Cr,Pb,Se
S2	S2	1	1221	Ag,As,Ba,Cd,Cr,Pb,Se
S3	S3	1	1225	Ag,As,Ba,Cd,Cr,Pb,Se
S4	S4	1	1229	Ag,As,Ba,Cd,Cr,Pb,Se
S5	S5	1	1233	Ag,As,Ba,Cd,Cr,Pb,Se
ICV01	ICV01	1	1246	Ag,As,Ba,Cd,Cr,Pb,Se
LLICV01	LLICV01	1	1251	Ag,As,Ba,Cd,Cr,Pb,Se
ICB01	ICB01	1	1255	Ag,As,Ba,Cd,Cr,Pb,Se
CRI01	CRI01	1	1300	Ag,As,Ba,Cd,Cr,Pb,Se
ICSA01	ICSA01	1	1304	Ag,As,Ba,Cd,Cr,Pb,Se
ICSAB01	ICSAB01	1	1308	Ag,As,Ba,Cd,Cr,Pb,Se
CCV01	CCV01	1	1321	Ag,As,Ba,Cd,Cr,Pb,Se
CCB01	CCB01	1	1325	Ag,As,Ba,Cd,Cr,Pb,Se
CCV02	CCV02	1	1418	Ag,As,Ba,Cd,Cr,Pb,Se
CCB02	CCB02	1	1422	Ag,As,Ba,Cd,Cr,Pb,Se
CCV03	CCV03	1	1604	Ag,As,Ba,Cd,Cr,Pb,Se
CCB03	CCB03	1	1608	Ag,As,Ba,Cd,Cr,Pb,Se
PB170074BL	PB170074BL	1	1654	Ag,As,Ba,Cd,Cr,Pb,Se
PB170074BS	PB170074BS	1	1658	Ag,As,Ba,Cd,Cr,Pb,Se
CCV04	CCV04	1	1702	Ag,As,Ba,Cd,Cr,Pb,Se
CCB04	CCB04	1	1706	Ag,As,Ba,Cd,Cr,Pb,Se
PB170062TB	PB170062TB	1	1720	Ag,As,Ba,Cd,Cr,Pb,Se
Q3321-02	P001-DS-01	1	1724	Ag,As,Ba,Cd,Cr,Pb,Se
Q3327-02DUP	HADLEY-ROAD-TPDUP	1	1742	Ag,As,Ba,Cd,Cr,Pb,Se
Q3327-02L	HADLEY-ROAD-TPL	5	1746	Ag,As,Ba,Cd,Cr,Pb,Se
Q3327-02MS	HADLEY-ROAD-TPMS	1	1751	Ag,As,Ba,Cd,Cr,Pb,Se
Q3327-02MSD	HADLEY-ROAD-TPMSD	1	1755	Ag,As,Ba,Cd,Cr,Pb,Se
CCV05	CCV05	1	1811	Ag,As,Ba,Cd,Cr,Pb,Se
CCB05	CCB05	1	1815	Ag,As,Ba,Cd,Cr,Pb,Se
CCV06	CCV06	1	1856	Ag,As,Ba,Cd,Cr,Pb,Se
CCB06	CCB06	1	1901	Ag,As,Ba,Cd,Cr,Pb,Se
CCV07	CCV07	1	1946	Ag,As,Ba,Cd,Cr,Pb,Se
CCB07	CCB07	1	1950	Ag,As,Ba,Cd,Cr,Pb,Se