

LAB CHRONICLE

OrderID:	Q3447	OrderDate:	10/23/2025 1:50:00 PM
Client:	Weston Solutions, Inc.	Project:	RFP 905
Contact:	Smita Sumbaly	Location:	D41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3447-01	P001-TW1-251023-01	SOIL			10/23/25			10/23/25
			Mercury	7471B		10/24/25	10/24/25	
			Metals ICP-TAL	6010D		10/24/25	10/24/25	
			Metals ICP-TAL	6010D		10/24/25	10/28/25	
Q3447-02	P001-TW1-251023-01	TCLP			10/23/25			10/23/25
			TCLP ICP Metals	6010D		10/27/25	10/28/25	
			TCLP Mercury	7470A		10/27/25	10/28/25	
Q3447-03	P001-TW2-251023-01	SOIL			10/23/25			10/23/25
			Mercury	7471B		10/24/25	10/24/25	
			Metals ICP-TAL	6010D		10/24/25	10/24/25	
			Metals ICP-TAL	6010D		10/24/25	10/28/25	
Q3447-04	P001-TW2-251023-01	TCLP			10/23/25			10/23/25
			TCLP ICP Metals	6010D		10/27/25	10/28/25	
			TCLP Mercury	7470A		10/27/25	10/28/25	
Q3447-05	P001-TW3-251023-01	SOIL			10/23/25			10/23/25
			Mercury	7471B		10/24/25	10/24/25	
			Metals ICP-TAL	6010D		10/24/25	10/24/25	
			Metals ICP-TAL	6010D		10/24/25	10/29/25	
Q3447-06	P001-TW3-251023-01	TCLP			10/23/25			10/23/25
			TCLP ICP Metals	6010D		10/27/25	10/28/25	
			TCLP Mercury	7470A		10/27/25	10/28/25	
Q3447-07	P001-TW4-251023-01	SOIL			10/23/25			10/23/25
			Mercury	7471B		10/24/25	10/24/25	
			Metals ICP-TAL	6010D		10/24/25	10/24/25	
Q3447-08	P001-TW4-251023-01	TCLP			10/23/25			10/23/25

LAB CHRONICLE

TCLP ICP Metals	6010D	10/27/25	10/28/25
TCLP Mercury	7470A	10/27/25	10/28/25

A

B

C

D

E

F

G

H

Hit Summary Sheet SW-846

SDG No.: Q3447
Client: Weston Solutions, Inc.

Order ID: Q3447
Project ID: RFP 905

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : P001-TW1-251023-01								
Q3447-02	P001-TW1-251023-01	TCLP	Barium	489	J	72.8	500	ug/L
Q3447-02	P001-TW1-251023-01	TCLP	Chromium	13.2	J	10.6	50.0	ug/L
Q3447-02	P001-TW1-251023-01	TCLP	Lead	71.6		11.5	60.0	ug/L
Client ID : P001-TW2-251023-01								
Q3447-04	P001-TW2-251023-01	TCLP	Barium	1090		72.8	500	ug/L
Q3447-04	P001-TW2-251023-01	TCLP	Cadmium	231		2.50	30.0	ug/L
Q3447-04	P001-TW2-251023-01	TCLP	Chromium	11.9	J	10.6	50.0	ug/L
Q3447-04	P001-TW2-251023-01	TCLP	Lead	18300		11.5	60.0	ug/L
Client ID : P001-TW3-251023-01								
Q3447-06	P001-TW3-251023-01	TCLP	Barium	133	J	72.8	500	ug/L
Q3447-06	P001-TW3-251023-01	TCLP	Cadmium	14.5	J	2.50	30.0	ug/L
Q3447-06	P001-TW3-251023-01	TCLP	Chromium	29.2	J	10.6	50.0	ug/L
Q3447-06	P001-TW3-251023-01	TCLP	Lead	301000		11.5	60.0	ug/L
Client ID : P001-TW4-251023-01								
Q3447-08	P001-TW4-251023-01	TCLP	Barium	512		72.8	500	ug/L
Q3447-08	P001-TW4-251023-01	TCLP	Chromium	12.2	J	10.6	50.0	ug/L
Q3447-08	P001-TW4-251023-01	TCLP	Lead	24.9	J	11.5	60.0	ug/L



SAMPLE DATA

Report of Analysis

Client: Weston Solutions, Inc.
Project: RFP 905
Client Sample ID: P001-TW1-251023-01
Lab Sample ID: Q3447-02
Level (low/med): low

Date Collected: 10/23/25
Date Received: 10/23/25
SDG No.: Q3447
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	10/27/25 12:30	10/28/25 14:49	6010D	SW3010A
7440-39-3	Barium	489	J	1	72.8	500	ug/L	10/27/25 12:30	10/28/25 14:49	6010D	SW3010A
7440-43-9	Cadmium	2.50	U	1	2.50	30.0	ug/L	10/27/25 12:30	10/28/25 14:49	6010D	SW3010A
7440-47-3	Chromium	13.2	J	1	10.6	50.0	ug/L	10/27/25 12:30	10/28/25 14:49	6010D	SW3010A
7439-92-1	Lead	71.6		1	11.5	60.0	ug/L	10/27/25 12:30	10/28/25 14:49	6010D	SW3010A
7439-97-6	Mercury	0.76	U	1	0.76	2.00	ug/L	10/27/25 12:30	10/28/25 10:21	7470A	7470A
7782-49-2	Selenium	48.2	U	1	48.2	100	ug/L	10/27/25 12:30	10/28/25 14:49	6010D	SW3010A
7440-22-4	Silver	8.10	U	1	8.10	50.0	ug/L	10/27/25 12:30	10/28/25 14:49	6010D	SW3010A

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N = Spiked sample recovery not within control limits

Report of Analysis

Client: Weston Solutions, Inc.
Project: RFP 905
Client Sample ID: P001-TW2-251023-01
Lab Sample ID: Q3447-04
Level (low/med): low

Date Collected: 10/23/25
Date Received: 10/23/25
SDG No.: Q3447
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	10/27/25 12:30	10/28/25 15:01	6010D	SW3010A
7440-39-3	Barium	1090		1	72.8	500	ug/L	10/27/25 12:30	10/28/25 15:01	6010D	SW3010A
7440-43-9	Cadmium	231		1	2.50	30.0	ug/L	10/27/25 12:30	10/28/25 15:01	6010D	SW3010A
7440-47-3	Chromium	11.9	J	1	10.6	50.0	ug/L	10/27/25 12:30	10/28/25 15:01	6010D	SW3010A
7439-92-1	Lead	18300		1	11.5	60.0	ug/L	10/27/25 12:30	10/28/25 15:01	6010D	SW3010A
7439-97-6	Mercury	0.76	U	1	0.76	2.00	ug/L	10/27/25 12:30	10/28/25 10:23	7470A	7470A
7782-49-2	Selenium	48.2	U	1	48.2	100	ug/L	10/27/25 12:30	10/28/25 15:01	6010D	SW3010A
7440-22-4	Silver	8.10	U	1	8.10	50.0	ug/L	10/27/25 12:30	10/28/25 15:01	6010D	SW3010A

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J = Estimated Value

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Report of Analysis

Client: Weston Solutions, Inc.
Project: RFP 905
Client Sample ID: P001-TW3-251023-01
Lab Sample ID: Q3447-06
Level (low/med): low

Date Collected: 10/23/25
Date Received: 10/23/25
SDG No.: Q3447
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	10/27/25 12:30	10/28/25 15:06	6010D	SW3010A
7440-39-3	Barium	133	J	1	72.8	500	ug/L	10/27/25 12:30	10/28/25 15:06	6010D	SW3010A
7440-43-9	Cadmium	14.5	J	1	2.50	30.0	ug/L	10/27/25 12:30	10/28/25 15:06	6010D	SW3010A
7440-47-3	Chromium	29.2	J	1	10.6	50.0	ug/L	10/27/25 12:30	10/28/25 15:06	6010D	SW3010A
7439-92-1	Lead	301000		1	11.5	60.0	ug/L	10/27/25 12:30	10/28/25 15:06	6010D	SW3010A
7439-97-6	Mercury	0.76	U	1	0.76	2.00	ug/L	10/27/25 12:30	10/28/25 10:25	7470A	7470A
7782-49-2	Selenium	48.2	U	1	48.2	100	ug/L	10/27/25 12:30	10/28/25 15:06	6010D	SW3010A
7440-22-4	Silver	8.10	U	1	8.10	50.0	ug/L	10/27/25 12:30	10/28/25 15:06	6010D	SW3010A

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LOD = Limit of Detection

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J = Estimated Value

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OR = Over Range

N = Spiked sample recovery not within control limits

Report of Analysis

Client: Weston Solutions, Inc.
Project: RFP 905
Client Sample ID: P001-TW4-251023-01
Lab Sample ID: Q3447-08
Level (low/med): low

Date Collected: 10/23/25
Date Received: 10/23/25
SDG No.: Q3447
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	10/27/25 12:30	10/28/25 15:10	6010D	SW3010A
7440-39-3	Barium	512		1	72.8	500	ug/L	10/27/25 12:30	10/28/25 15:10	6010D	SW3010A
7440-43-9	Cadmium	2.50	U	1	2.50	30.0	ug/L	10/27/25 12:30	10/28/25 15:10	6010D	SW3010A
7440-47-3	Chromium	12.2	J	1	10.6	50.0	ug/L	10/27/25 12:30	10/28/25 15:10	6010D	SW3010A
7439-92-1	Lead	24.9	J	1	11.5	60.0	ug/L	10/27/25 12:30	10/28/25 15:10	6010D	SW3010A
7439-97-6	Mercury	0.76	U	1	0.76	2.00	ug/L	10/27/25 12:30	10/28/25 10:28	7470A	7470A
7782-49-2	Selenium	48.2	U	1	48.2	100	ug/L	10/27/25 12:30	10/28/25 15:10	6010D	SW3010A
7440-22-4	Silver	8.10	U	1	8.10	50.0	ug/L	10/27/25 12:30	10/28/25 15:10	6010D	SW3010A

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

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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.: Q3447

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
ICV89	Mercury	3.75	4.0	94	90 - 110	CV	10/28/2025	09:25	LB137666

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Weston Solutions, Inc.

SDG No.: Q3447

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
CCV93	Mercury	5.23	5.0	105	90 - 110	CV	10/28/2025	09:30	LB137666
CCV94	Mercury	4.87	5.0	98	90 - 110	CV	10/28/2025	10:00	LB137666
CCV95	Mercury	4.69	5.0	94	90 - 110	CV	10/28/2025	10:30	LB137666
CCV96	Mercury	5.16	5.0	103	90 - 110	CV	10/28/2025	11:00	LB137666

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Weston Solutions, Inc.

SDG No.: Q3447

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	3820	4000	95	90 - 110	P	10/28/2025	12:30	LB137677
	Barium	7600	8000	95	90 - 110	P	10/28/2025	12:30	LB137677
	Cadmium	1900	2000	95	90 - 110	P	10/28/2025	12:30	LB137677
	Chromium	783	800	98	90 - 110	P	10/28/2025	12:30	LB137677
	Lead	3730	4000	93	90 - 110	P	10/28/2025	12:30	LB137677
	Selenium	3820	4000	95	90 - 110	P	10/28/2025	12:30	LB137677
	Silver	963	1000	96	90 - 110	P	10/28/2025	12:30	LB137677

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Weston Solutions, Inc.

SDG No.: Q3447

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	20.3	20.0	102	80 - 120	P	10/28/2025	12:34	LB137677
	Barium	93.0	100	93	80 - 120	P	10/28/2025	12:34	LB137677
	Cadmium	5.86	6.0	98	80 - 120	P	10/28/2025	12:34	LB137677
	Chromium	10.6	10.0	106	80 - 120	P	10/28/2025	12:34	LB137677
	Lead	12.0	12.0	100	80 - 120	P	10/28/2025	12:34	LB137677
	Selenium	20.7	20.0	104	80 - 120	P	10/28/2025	12:34	LB137677
	Silver	12.0	10.0	120	80 - 120	P	10/28/2025	12:34	LB137677

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Weston Solutions, Inc.

SDG No.: Q3447

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	4950	5000	99	90 - 110	P	10/28/2025	13:03	LB137677
	Barium	10000	10000	100	90 - 110	P	10/28/2025	13:03	LB137677
	Cadmium	2480	2500	99	90 - 110	P	10/28/2025	13:03	LB137677
	Chromium	989	1000	99	90 - 110	P	10/28/2025	13:03	LB137677
	Lead	4910	5000	98	90 - 110	P	10/28/2025	13:03	LB137677
	Selenium	4960	5000	99	90 - 110	P	10/28/2025	13:03	LB137677
	Silver	1240	1250	99	90 - 110	P	10/28/2025	13:03	LB137677
CCV02	Arsenic	5220	5000	104	90 - 110	P	10/28/2025	14:01	LB137677
	Barium	10200	10000	102	90 - 110	P	10/28/2025	14:01	LB137677
	Cadmium	2610	2500	104	90 - 110	P	10/28/2025	14:01	LB137677
	Chromium	1060	1000	106	90 - 110	P	10/28/2025	14:01	LB137677
	Lead	5150	5000	103	90 - 110	P	10/28/2025	14:01	LB137677
	Selenium	5230	5000	105	90 - 110	P	10/28/2025	14:01	LB137677
	Silver	1290	1250	104	90 - 110	P	10/28/2025	14:01	LB137677
CCV03	Arsenic	4950	5000	99	90 - 110	P	10/28/2025	14:53	LB137677
	Barium	10500	10000	105	90 - 110	P	10/28/2025	14:53	LB137677
	Cadmium	2510	2500	101	90 - 110	P	10/28/2025	14:53	LB137677
	Chromium	1040	1000	104	90 - 110	P	10/28/2025	14:53	LB137677
	Lead	4950	5000	99	90 - 110	P	10/28/2025	14:53	LB137677
	Selenium	4940	5000	99	90 - 110	P	10/28/2025	14:53	LB137677
	Silver	1280	1250	102	90 - 110	P	10/28/2025	14:53	LB137677
CCV04	Arsenic	4930	5000	98	90 - 110	P	10/28/2025	15:45	LB137677
	Barium	9920	10000	99	90 - 110	P	10/28/2025	15:45	LB137677
	Cadmium	2500	2500	100	90 - 110	P	10/28/2025	15:45	LB137677
	Chromium	1000	1000	100	90 - 110	P	10/28/2025	15:45	LB137677
	Lead	4920	5000	98	90 - 110	P	10/28/2025	15:45	LB137677
	Selenium	4930	5000	98	90 - 110	P	10/28/2025	15:45	LB137677
	Silver	1240	1250	99	90 - 110	P	10/28/2025	15:45	LB137677
CCV05	Arsenic	5100	5000	102	90 - 110	P	10/28/2025	16:35	LB137677
	Barium	10300	10000	103	90 - 110	P	10/28/2025	16:35	LB137677
	Cadmium	2560	2500	102	90 - 110	P	10/28/2025	16:35	LB137677
	Chromium	1030	1000	103	90 - 110	P	10/28/2025	16:35	LB137677
	Lead	5060	5000	101	90 - 110	P	10/28/2025	16:35	LB137677
	Selenium	5090	5000	102	90 - 110	P	10/28/2025	16:35	LB137677

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Weston Solutions, Inc.

SDG No.: Q3447

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	1280	1250	102	90 - 110	P	10/28/2025	16:35	LB137677
CCV06	Arsenic	4960	5000	99	90 - 110	P	10/28/2025	17:27	LB137677
	Barium	10000	10000	100	90 - 110	P	10/28/2025	17:27	LB137677
	Cadmium	2520	2500	101	90 - 110	P	10/28/2025	17:27	LB137677
	Chromium	1010	1000	101	90 - 110	P	10/28/2025	17:27	LB137677
	Lead	4960	5000	99	90 - 110	P	10/28/2025	17:27	LB137677
	Selenium	4970	5000	99	90 - 110	P	10/28/2025	17:27	LB137677
	Silver	1260	1250	101	90 - 110	P	10/28/2025	17:27	LB137677
CCV07	Arsenic	4970	5000	99	90 - 110	P	10/28/2025	18:17	LB137677
	Barium	10200	10000	102	90 - 110	P	10/28/2025	18:17	LB137677
	Cadmium	2520	2500	101	90 - 110	P	10/28/2025	18:17	LB137677
	Chromium	1010	1000	101	90 - 110	P	10/28/2025	18:17	LB137677
	Lead	4950	5000	99	90 - 110	P	10/28/2025	18:17	LB137677
	Selenium	4970	5000	99	90 - 110	P	10/28/2025	18:17	LB137677
	Silver	1260	1250	101	90 - 110	P	10/28/2025	18:17	LB137677
CCV08	Arsenic	5110	5000	102	90 - 110	P	10/28/2025	19:06	LB137677
	Barium	10500	10000	105	90 - 110	P	10/28/2025	19:06	LB137677
	Cadmium	2600	2500	104	90 - 110	P	10/28/2025	19:06	LB137677
	Chromium	1030	1000	103	90 - 110	P	10/28/2025	19:06	LB137677
	Lead	5090	5000	102	90 - 110	P	10/28/2025	19:06	LB137677
	Selenium	5120	5000	102	90 - 110	P	10/28/2025	19:06	LB137677
	Silver	1290	1250	104	90 - 110	P	10/28/2025	19:06	LB137677
CCV09	Arsenic	4990	5000	100	90 - 110	P	10/28/2025	19:58	LB137677
	Barium	10300	10000	104	90 - 110	P	10/28/2025	19:58	LB137677
	Cadmium	2530	2500	101	90 - 110	P	10/28/2025	19:58	LB137677
	Chromium	1010	1000	101	90 - 110	P	10/28/2025	19:58	LB137677
	Lead	4960	5000	99	90 - 110	P	10/28/2025	19:58	LB137677
	Selenium	5000	5000	100	90 - 110	P	10/28/2025	19:58	LB137677
	Silver	1280	1250	102	90 - 110	P	10/28/2025	19:58	LB137677
CCV10	Arsenic	4880	5000	98	90 - 110	P	10/28/2025	20:49	LB137677
	Barium	10100	10000	101	90 - 110	P	10/28/2025	20:49	LB137677
	Cadmium	2480	2500	99	90 - 110	P	10/28/2025	20:49	LB137677
	Chromium	987	1000	99	90 - 110	P	10/28/2025	20:49	LB137677
	Lead	4850	5000	97	90 - 110	P	10/28/2025	20:49	LB137677

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Weston Solutions, Inc.

SDG No.: Q3447

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
CCV10	Selenium	4880	5000	98	90 - 110	P	10/28/2025	20:49	LB137677
	Silver	1230	1250	99	90 - 110	P	10/28/2025	20:49	LB137677



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Fax : 908 789 8922

Metals

- 2b -

CRDL STANDARD FOR AA & ICP

Client: Weston Solutions, Inc.

SDG No.: Q3447

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
CRA	Mercury	0.21	0.2	103	70 - 130	CV	10/28/2025	09:34	LB137666
CRI01	Arsenic	19.5	20.0	97	65 - 135	P	10/28/2025	12:42	LB137677
	Barium	103	100	103	65 - 135	P	10/28/2025	12:42	LB137677
	Cadmium	5.75	6.0	96	65 - 135	P	10/28/2025	12:42	LB137677
	Chromium	10.4	10.0	104	65 - 135	P	10/28/2025	12:42	LB137677
	Lead	11.5	12.0	96	65 - 135	P	10/28/2025	12:42	LB137677
	Selenium	20.5	20.0	102	65 - 135	P	10/28/2025	12:42	LB137677
	Silver	10.6	10.0	106	65 - 135	P	10/28/2025	12:42	LB137677



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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Weston Solutions, Inc.

SDG No.: Q3447

Contract: ROYF02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB89	Mercury	0.076	+/-0.2	U	0.20	CV	10/28/2025	09:27	LB137666

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Weston Solutions, Inc.

SDG No.: Q3447

Contract: ROYF02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB93	Mercury	0.076	+/-0.2	U	0.20	CV	10/28/2025	09:32	LB137666
CCB94	Mercury	0.076	+/-0.2	U	0.20	CV	10/28/2025	10:05	LB137666
CCB95	Mercury	0.076	+/-0.2	U	0.20	CV	10/28/2025	10:35	LB137666
CCB96	Mercury	0.076	+/-0.2	U	0.20	CV	10/28/2025	11:02	LB137666

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Weston Solutions, Inc.

SDG No.: Q3447

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	10/28/2025	12:38	LB137677
	Barium	14.6	+/-50	U	100	P	10/28/2025	12:38	LB137677
	Cadmium	0.50	+/-3	U	6.00	P	10/28/2025	12:38	LB137677
	Chromium	2.12	+/-5	U	10.0	P	10/28/2025	12:38	LB137677
	Lead	2.30	+/-6	U	12.0	P	10/28/2025	12:38	LB137677
	Selenium	9.64	+/-10	U	20.0	P	10/28/2025	12:38	LB137677
	Silver	1.62	+/-5	U	10.0	P	10/28/2025	12:38	LB137677

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Weston Solutions, Inc.

SDG No.: Q3447

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	10/28/2025	13:08	LB137677
	Barium	14.6	+/-50	U	100	P	10/28/2025	13:08	LB137677
	Cadmium	0.50	+/-3	U	6.00	P	10/28/2025	13:08	LB137677
	Chromium	2.12	+/-5	U	10.0	P	10/28/2025	13:08	LB137677
	Lead	2.30	+/-6	U	12.0	P	10/28/2025	13:08	LB137677
	Selenium	9.64	+/-10	U	20.0	P	10/28/2025	13:08	LB137677
	Silver	1.62	+/-5	U	10.0	P	10/28/2025	13:08	LB137677
CCB02	Arsenic	5.12	+/-10	U	20.0	P	10/28/2025	14:05	LB137677
	Barium	14.6	+/-50	U	100	P	10/28/2025	14:05	LB137677
	Cadmium	0.50	+/-3	U	6.00	P	10/28/2025	14:05	LB137677
	Chromium	2.12	+/-5	U	10.0	P	10/28/2025	14:05	LB137677
	Lead	2.30	+/-6	U	12.0	P	10/28/2025	14:05	LB137677
	Selenium	9.64	+/-10	U	20.0	P	10/28/2025	14:05	LB137677
	Silver	1.62	+/-5	U	10.0	P	10/28/2025	14:05	LB137677
CCB03	Arsenic	5.12	+/-10	U	20.0	P	10/28/2025	14:57	LB137677
	Barium	14.6	+/-50	U	100	P	10/28/2025	14:57	LB137677
	Cadmium	0.50	+/-3	U	6.00	P	10/28/2025	14:57	LB137677
	Chromium	2.12	+/-5	U	10.0	P	10/28/2025	14:57	LB137677
	Lead	2.30	+/-6	U	12.0	P	10/28/2025	14:57	LB137677
	Selenium	9.64	+/-10	U	20.0	P	10/28/2025	14:57	LB137677
	Silver	1.62	+/-5	U	10.0	P	10/28/2025	14:57	LB137677
CCB04	Arsenic	5.12	+/-10	U	20.0	P	10/28/2025	15:49	LB137677
	Barium	14.6	+/-50	U	100	P	10/28/2025	15:49	LB137677
	Cadmium	0.50	+/-3	U	6.00	P	10/28/2025	15:49	LB137677
	Chromium	2.12	+/-5	U	10.0	P	10/28/2025	15:49	LB137677
	Lead	2.30	+/-6	U	12.0	P	10/28/2025	15:49	LB137677
	Selenium	9.64	+/-10	U	20.0	P	10/28/2025	15:49	LB137677
	Silver	1.62	+/-5	U	10.0	P	10/28/2025	15:49	LB137677
CCB05	Arsenic	5.12	+/-10	U	20.0	P	10/28/2025	16:39	LB137677
	Barium	14.6	+/-50	U	100	P	10/28/2025	16:39	LB137677
	Cadmium	0.50	+/-3	U	6.00	P	10/28/2025	16:39	LB137677
	Chromium	2.12	+/-5	U	10.0	P	10/28/2025	16:39	LB137677
	Lead	2.30	+/-6	U	12.0	P	10/28/2025	16:39	LB137677
	Selenium	9.64	+/-10	U	20.0	P	10/28/2025	16:39	LB137677
	Silver	1.62	+/-5	U	10.0	P	10/28/2025	16:39	LB137677
CCB06	Arsenic	5.12	+/-10	U	20.0	P	10/28/2025	17:32	LB137677
	Barium	14.6	+/-50	U	100	P	10/28/2025	17:32	LB137677
	Cadmium	0.50	+/-3	U	6.00	P	10/28/2025	17:32	LB137677
	Chromium	2.12	+/-5	U	10.0	P	10/28/2025	17:32	LB137677

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Weston Solutions, Inc.

SDG No.: Q3447

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	10/28/2025	17:32	LB137677
	Selenium	9.64	+/-10	U	20.0	P	10/28/2025	17:32	LB137677
	Silver	1.62	+/-5	U	10.0	P	10/28/2025	17:32	LB137677
CCB07	Arsenic	5.12	+/-10	U	20.0	P	10/28/2025	18:21	LB137677
	Barium	14.6	+/-50	U	100	P	10/28/2025	18:21	LB137677
	Cadmium	0.50	+/-3	U	6.00	P	10/28/2025	18:21	LB137677
	Chromium	2.12	+/-5	U	10.0	P	10/28/2025	18:21	LB137677
	Lead	2.30	+/-6	U	12.0	P	10/28/2025	18:21	LB137677
	Selenium	9.64	+/-10	U	20.0	P	10/28/2025	18:21	LB137677
	Silver	1.62	+/-5	U	10.0	P	10/28/2025	18:21	LB137677
CCB08	Arsenic	5.12	+/-10	U	20.0	P	10/28/2025	19:10	LB137677
	Barium	14.6	+/-50	U	100	P	10/28/2025	19:10	LB137677
	Cadmium	0.50	+/-3	U	6.00	P	10/28/2025	19:10	LB137677
	Chromium	2.12	+/-5	U	10.0	P	10/28/2025	19:10	LB137677
	Lead	2.30	+/-6	U	12.0	P	10/28/2025	19:10	LB137677
	Selenium	9.64	+/-10	U	20.0	P	10/28/2025	19:10	LB137677
	Silver	1.62	+/-5	U	10.0	P	10/28/2025	19:10	LB137677
CCB09	Arsenic	5.12	+/-10	U	20.0	P	10/28/2025	20:02	LB137677
	Barium	14.6	+/-50	U	100	P	10/28/2025	20:02	LB137677
	Cadmium	0.50	+/-3	U	6.00	P	10/28/2025	20:02	LB137677
	Chromium	2.12	+/-5	U	10.0	P	10/28/2025	20:02	LB137677
	Lead	2.30	+/-6	U	12.0	P	10/28/2025	20:02	LB137677
	Selenium	9.64	+/-10	U	20.0	P	10/28/2025	20:02	LB137677
	Silver	1.62	+/-5	U	10.0	P	10/28/2025	20:02	LB137677
CCB10	Arsenic	5.12	+/-10	U	20.0	P	10/28/2025	20:54	LB137677
	Barium	14.6	+/-50	U	100	P	10/28/2025	20:54	LB137677
	Cadmium	0.50	+/-3	U	6.00	P	10/28/2025	20:54	LB137677
	Chromium	2.12	+/-5	U	10.0	P	10/28/2025	20:54	LB137677
	Lead	2.30	+/-6	U	12.0	P	10/28/2025	20:54	LB137677
	Selenium	9.64	+/-10	U	20.0	P	10/28/2025	20:54	LB137677
	Silver	1.62	+/-5	U	10.0	P	10/28/2025	20:54	LB137677

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Weston Solutions, Inc.

SDG No.: Q3447

Instrument: CV1

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB170239TB		WATER		Batch Number:	PB170268		Prep Date:	10/27/2025	
	Mercury	0.76	<2	U	2.00	CV	10/28/2025	10:53	LB137666
Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB170268BL		WATER		Batch Number:	PB170268		Prep Date:	10/27/2025	
	Mercury	0.076	<0.2	U	0.20	CV	10/28/2025	09:44	LB137666

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Weston Solutions, Inc.

SDG No.: Q3447

Instrument: P4

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB170239TB		WATER		Batch Number:	PB170263		Prep Date:	10/27/2025	
	Arsenic	25.6	<50	U	100	P	10/28/2025	14:27	LB137677
	Barium	72.8	<250	U	500	P	10/28/2025	14:27	LB137677
	Cadmium	2.50	<15	U	30.0	P	10/28/2025	14:27	LB137677
	Chromium	19.8	<25	J	50.0	P	10/28/2025	14:27	LB137677
	Lead	11.5	<30	U	60.0	P	10/28/2025	14:27	LB137677
	Selenium	48.2	<50	U	100	P	10/28/2025	14:27	LB137677
	Silver	8.10	<25	U	50.0	P	10/28/2025	14:27	LB137677
Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB170263BL		WATER		Batch Number:	PB170263		Prep Date:	10/27/2025	
	Arsenic	25.6	<50	U	100	P	10/28/2025	14:18	LB137677
	Barium	72.8	<250	U	500	P	10/28/2025	14:18	LB137677
	Cadmium	2.50	<15	U	30.0	P	10/28/2025	14:18	LB137677
	Chromium	10.6	<25	U	50.0	P	10/28/2025	14:18	LB137677
	Lead	11.5	<30	U	60.0	P	10/28/2025	14:18	LB137677
	Selenium	48.2	<50	U	100	P	10/28/2025	14:18	LB137677
	Silver	8.10	<25	U	50.0	P	10/28/2025	14:18	LB137677

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: <u>Weston Solutions, Inc.</u>	SDG No.: <u>Q3447</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	5.71			-20	20	10/28/2025	12:47	LB137677
	Barium	0.81	6.0	14	-94	106	10/28/2025	12:47	LB137677
	Cadmium	2.04	1.0	204	-5	7	10/28/2025	12:47	LB137677
	Chromium	48.4	52.0	93	42	62	10/28/2025	12:47	LB137677
	Lead	4.98			-12	12	10/28/2025	12:47	LB137677
	Selenium	1.71			-20	20	10/28/2025	12:47	LB137677
	Silver	1.71			-10	10	10/28/2025	12:47	LB137677
ICSAB01	Arsenic	104	104	100	88.4	120	10/28/2025	12:51	LB137677
	Barium	472	537	88	437	637	10/28/2025	12:51	LB137677
	Cadmium	966	972	99	826	1120	10/28/2025	12:51	LB137677
	Chromium	530	542	98	460	624	10/28/2025	12:51	LB137677
	Lead	52.4	49.0	107	37	61	10/28/2025	12:51	LB137677
	Selenium	46.1	46.0	100	26	66	10/28/2025	12:51	LB137677
	Silver	203	201	101	170	232	10/28/2025	12:51	LB137677



METAL QC DATA

metals
- 5a -
MATRIX SPIKE SUMMARY

client: <u>Weston Solutions, Inc.</u>	level: <u>low</u>	sdg no.: <u>Q3447</u>
contract: <u>ROYF02</u>		lab code: <u>ACE</u>
matrix: <u>Water</u>	sample id: <u>Q3452-04</u>	client id: <u>JB-1MS</u>
Percent Solids for Sample: <u>NA</u>	Spiked ID: <u>Q3452-04MS</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	4270		100	U	4000	107		P
Barium	ug/L	75 - 125	1900		1100		1000	80		P
Cadmium	ug/L	75 - 125	1050		30.0	U	1000	105		P
Chromium	ug/L	75 - 125	2090		25.9	J	2000	103		P
Lead	ug/L	75 - 125	5000		100		5000	98		P
Mercury	ug/L	75 - 125	39.5		2.00	U	40.0	99		CV
Selenium	ug/L	75 - 125	10600		100	U	10000	106		P
Silver	ug/L	75 - 125	363		50.0	U	380	96		P

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: <u>Weston Solutions, Inc.</u>	level: <u>low</u>	sdg no.: <u>Q3447</u>
contract: <u>ROYF02</u>		lab code: <u>ACE</u>
matrix: <u>Water</u>	sample id: <u>Q3452-04</u>	client id: <u>JB-1MSD</u>
Percent Solids for Sample: <u>NA</u>	Spiked ID: <u>Q3452-04MSD</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	4200		100	U	4000	105		P
Barium	ug/L	75 - 125	2210		1100		1000	110		P
Cadmium	ug/L	75 - 125	1020		30.0	U	1000	102		P
Chromium	ug/L	75 - 125	2130		25.9	J	2000	105		P
Lead	ug/L	75 - 125	4910		100		5000	96		P
Mercury	ug/L	75 - 125	39.7		2.00	U	40.0	99		CV
Selenium	ug/L	75 - 125	10500		100	U	10000	105		P
Silver	ug/L	75 - 125	314		50.0	U	380	83		P



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Metals
- 5b -

Client: Weston Solutions, Inc.

SDG No.: Q3447

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:	<u>Weston Solutions, Inc.</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q3447</u>
Contract:	<u>ROYF02</u>			Lab Code:	<u>ACE</u>
Matrix:	<u>Water</u>	Sample ID:	<u>Q3452-04</u>	Client ID:	<u>JB-1DUP</u>
Percent Solids for Sample:	NA	Duplicate ID	Q3452-04DUP	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	1100		1150		4		P
Cadmium	ug/L	20	30.0	U	30.0	U			P
Chromium	ug/L	20	25.9	J	26.1	J	1		P
Lead	ug/L	20	100		104		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

- 6 -

DUPLICATE SAMPLE SUMMARY

Client:	<u>Weston Solutions, Inc.</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q3447</u>
Contract:	<u>ROYF02</u>	Lab Code:	<u>ACE</u>		
Matrix:	<u>Water</u>	Sample ID:	<u>Q3452-04MS</u>	Client ID:	<u>JB-1MSD</u>
Percent Solids for Sample:	NA	Duplicate ID	Q3452-04MSD	Percent Solids for Spike Sample:	NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Arsenic	ug/L	20	4270		4200		2		P
Barium	ug/L	20	1900		2210		15		P
Cadmium	ug/L	20	1050		1020		3		P
Chromium	ug/L	20	2090		2130		2		P
Lead	ug/L	20	5000		4910		2		P
Mercury	ug/L	20	39.5		39.7		1		CV
Selenium	ug/L	20	10600		10500		1		P
Silver	ug/L	20	363		314		14		P

Metals

- 7 -

LABORATORY CONTROL SAMPLE SUMMARY

Client: Weston Solutions, Inc.

SDG No.: Q3447

Contract: ROYF02

Lab Code: ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB170263BS							
Arsenic	ug/L	4000	4180		104	80 - 120	P
Barium	ug/L	1000	992		99	80 - 120	P
Cadmium	ug/L	1000	1010		101	80 - 120	P
Chromium	ug/L	2000	2160		108	80 - 120	P
Lead	ug/L	5000	5020		100	80 - 120	P
Selenium	ug/L	10000	10500		105	80 - 120	P
Silver	ug/L	380	400		105	80 - 120	P

Metals

- 7 -

LABORATORY CONTROL SAMPLE SUMMARY

Client: Weston Solutions, Inc.

SDG No.: Q3447

Contract: ROYF02

Lab Code: ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB170268BS Mercury	ug/L	4.0	3.80		95	80 - 120	CV

Metals
-9 -
ICP SERIAL DILUTIONS

SAMPLE NO.

JB-1L

Lab Name: Alliance **Contract:** ROYF02
Lab Code: ACE **Lb No.:** lb137677 **Lab Sample ID :** Q3452-04L **SDG No.:** Q3447
Matrix (soil/water): Water **Level (low/med):** LOW
Concentration Units: ug/L

Analyte	Initial Sample Result (I)		Serial Dilution Result (S)		% Difference	Q	M
		C		C			
Arsenic	100	U	500	U			P
Barium	1100		1210	J	10		P
Cadmium	30.0	U	150	U			P
Chromium	25.9	J	250	U	100.0		P
Lead	100		88.2	J	12		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.: Q3447

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.: Q3447

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

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ICP INTERELEMENT CORRECTION FACTORS

Client: Weston Solutions, Inc.

SDG No.: Q3447

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

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ICP INTERELEMENT CORRECTION FACTORS

Client: Weston Solutions, Inc.

SDG No.: Q3447

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

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ICP INTERELEMENT CORRECTION FACTORS

Client: Weston Solutions, Inc.

SDG No.: Q3447

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.: Q3447

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: PB170263							
PB170239TB	PB170239TB	MB	WATER	10/27/2025	5.0	25.0	
PB170263BL	PB170263BL	MB	WATER	10/27/2025	5.0	25.0	
PB170263BS	PB170263BS	LCS	WATER	10/27/2025	5.0	25.0	
Q3447-02	P001-TW1-251023-01	SAM	WATER	10/27/2025	5.0	25.0	
Q3447-04	P001-TW2-251023-01	SAM	WATER	10/27/2025	5.0	25.0	
Q3447-06	P001-TW3-251023-01	SAM	WATER	10/27/2025	5.0	25.0	
Q3447-08	P001-TW4-251023-01	SAM	WATER	10/27/2025	5.0	25.0	
Q3452-04DUP	JB-1DUP	DUP	WATER	10/27/2025	5.0	25.0	
Q3452-04MS	JB-1MS	MS	WATER	10/27/2025	5.0	25.0	
Q3452-04MSD	JB-1MSD	MSD	WATER	10/27/2025	5.0	25.0	

Metals

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SAMPLE PREPARATION SUMMARY

Client: Weston Solutions, Inc.

SDG No.: Q3447

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: PB170268							
PB170239TB	PB170239TB	MB	WATER	10/27/2025	3.0	30.0	
PB170268BL	PB170268BL	MB	WATER	10/27/2025	30.0	30.0	
PB170268BS	PB170268BS	LCS	WATER	10/27/2025	30.0	30.0	
Q3447-02	P001-TW1-251023-01	SAM	WATER	10/27/2025	3.0	30.0	
Q3447-04	P001-TW2-251023-01	SAM	WATER	10/27/2025	3.0	30.0	
Q3447-06	P001-TW3-251023-01	SAM	WATER	10/27/2025	3.0	30.0	
Q3447-08	P001-TW4-251023-01	SAM	WATER	10/27/2025	3.0	30.0	
Q3452-04DUP	JB-1DUP	DUP	WATER	10/27/2025	3.0	30.0	
Q3452-04MS	JB-1MS	MS	WATER	10/27/2025	3.0	30.0	
Q3452-04MSD	JB-1MSD	MSD	WATER	10/27/2025	3.0	30.0	

metals
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ANALYSIS RUN LOG

Client: Weston Solutions, Inc.

Contract: ROYF02

Lab code: ACE

Sdg no.: Q3447

Instrument id number: _____

Method: _____

Run number: LB137666

Start date: 10/28/2025

End date: 10/28/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	0902	HG
S0.2	S0.2	1	0904	HG
S2.5	S2.5	1	0907	HG
S5	S5	1	0909	HG
S7.5	S7.5	1	0911	HG
S10	S10	1	0917	HG
ICV89	ICV89	1	0925	HG
ICB89	ICB89	1	0927	HG
CCV93	CCV93	1	0930	HG
CCB93	CCB93	1	0932	HG
CRA	CRA	1	0934	HG
PB170268BL	PB170268BL	1	0944	HG
PB170268BS	PB170268BS	1	0946	HG
CCV94	CCV94	1	1000	HG
CCB94	CCB94	1	1005	HG
Q3447-02	P001-TW1-251023-01	1	1021	HG
Q3447-04	P001-TW2-251023-01	1	1023	HG
Q3447-06	P001-TW3-251023-01	1	1025	HG
Q3447-08	P001-TW4-251023-01	1	1028	HG
CCV95	CCV95	1	1030	HG
CCB95	CCB95	1	1035	HG
Q3452-04DUP	JB-1DUP	1	1046	HG
Q3452-04MS	JB-1MS	1	1048	HG
Q3452-04MSD	JB-1MSD	1	1051	HG
PB170239TB	PB170239TB	1	1053	HG
Q3452-04L	JB-1L	5	1055	HG
CCV96	CCV96	1	1100	HG
CCB96	CCB96	1	1102	HG

metals
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ANALYSIS RUN LOG

Client: Weston Solutions, Inc.

Contract: ROYF02

Lab code: ACE

Sdg no.: Q3447

Instrument id number: _____

Method: _____

Run number: LB137677

Start date: 10/28/2025

End date: 10/28/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1152	Ag,As,Ba,Cd,Cr,Pb,Se
S1	S1	1	1156	Ag,As,Ba,Cd,Cr,Pb,Se
S2	S2	1	1201	Ag,As,Ba,Cd,Cr,Pb,Se
S3	S3	1	1205	Ag,As,Ba,Cd,Cr,Pb,Se
S4	S4	1	1209	Ag,As,Ba,Cd,Cr,Pb,Se
S5	S5	1	1213	Ag,As,Ba,Cd,Cr,Pb,Se
ICV01	ICV01	1	1230	Ag,As,Ba,Cd,Cr,Pb,Se
LLICV01	LLICV01	1	1234	Ag,As,Ba,Cd,Cr,Pb,Se
ICB01	ICB01	1	1238	Ag,As,Ba,Cd,Cr,Pb,Se
CRI01	CRI01	1	1242	Ag,As,Ba,Cd,Cr,Pb,Se
ICSA01	ICSA01	1	1247	Ag,As,Ba,Cd,Cr,Pb,Se
ICSAB01	ICSAB01	1	1251	Ag,As,Ba,Cd,Cr,Pb,Se
CCV01	CCV01	1	1303	Ag,As,Ba,Cd,Cr,Pb,Se
CCB01	CCB01	1	1308	Ag,As,Ba,Cd,Cr,Pb,Se
CCV02	CCV02	1	1401	Ag,As,Ba,Cd,Cr,Pb,Se
CCB02	CCB02	1	1405	Ag,As,Ba,Cd,Cr,Pb,Se
PB170263BL	PB170263BL	1	1418	Ag,As,Ba,Cd,Cr,Pb,Se
PB170263BS	PB170263BS	1	1422	Ag,As,Ba,Cd,Cr,Pb,Se
PB170239TB	PB170239TB	1	1427	Ag,As,Ba,Cd,Cr,Pb,Se
Q3447-02	P001-TW1-251023-01	1	1449	Ag,As,Ba,Cd,Cr,Pb,Se
CCV03	CCV03	1	1453	Ag,As,Ba,Cd,Cr,Pb,Se
CCB03	CCB03	1	1457	Ag,As,Ba,Cd,Cr,Pb,Se
Q3447-04	P001-TW2-251023-01	1	1501	Ag,As,Ba,Cd,Cr,Pb,Se
Q3447-06	P001-TW3-251023-01	1	1506	Ag,As,Ba,Cd,Cr,Pb,Se
Q3447-08	P001-TW4-251023-01	1	1510	Ag,As,Ba,Cd,Cr,Pb,Se
Q3452-04DUP	JB-1DUP	1	1528	Ag,As,Ba,Cd,Cr,Pb,Se
Q3452-04L	JB-1L	5	1532	Ag,As,Ba,Cd,Cr,Pb,Se
Q3452-04MS	JB-1MS	1	1536	Ag,As,Ba,Cd,Cr,Pb,Se
Q3452-04MSD	JB-1MSD	1	1540	Ag,As,Ba,Cd,Cr,Pb,Se
CCV04	CCV04	1	1545	Ag,As,Ba,Cd,Cr,Pb,Se
CCB04	CCB04	1	1549	Ag,As,Ba,Cd,Cr,Pb,Se
CCV05	CCV05	1	1635	Ag,As,Ba,Cd,Cr,Pb,Se
CCB05	CCB05	1	1639	Ag,As,Ba,Cd,Cr,Pb,Se
CCV06	CCV06	1	1727	Ag,As,Ba,Cd,Cr,Pb,Se
CCB06	CCB06	1	1732	Ag,As,Ba,Cd,Cr,Pb,Se
CCV07	CCV07	1	1817	Ag,As,Ba,Cd,Cr,Pb,Se
CCB07	CCB07	1	1821	Ag,As,Ba,Cd,Cr,Pb,Se
CCV08	CCV08	1	1906	Ag,As,Ba,Cd,Cr,Pb,Se
CCB08	CCB08	1	1910	Ag,As,Ba,Cd,Cr,Pb,Se
CCV09	CCV09	1	1958	Ag,As,Ba,Cd,Cr,Pb,Se
CCB09	CCB09	1	2002	Ag,As,Ba,Cd,Cr,Pb,Se

metals
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ANALYSIS RUN LOG

Client: Weston Solutions, Inc.

Contract: ROYF02

Lab code: ACE

Sdg no.: Q3447

Instrument id number: _____

Method: _____

Run number: LB137677

Start date: 10/28/2025

End date: 10/28/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
CCV10	CCV10	1	2049	Ag,As,Ba,Cd,Cr,Pb,Se
CCB10	CCB10	1	2054	Ag,As,Ba,Cd,Cr,Pb,Se