

LAB CHRONICLE

OrderID:	Q3176	OrderDate:	9/24/2025 10:16:00 AM
Client:	Weston Solutions, Inc.	Project:	RFP 916
Contact:	Smita Sumbaly	Location:	J43,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3176-01	EME-TS12-01	SOIL	Cyanide	9012B	09/23/25 12:08	09/26/25	09/26/25 13:48	09/23/25
Q3176-02	EME-TS13-01	SOIL	Cyanide	9012B	09/23/25 12:20	09/26/25	09/26/25 13:48	09/23/25
Q3176-03	EME-TS14-02	SOIL	Cyanide	9012B	09/23/25 12:57	09/26/25	09/26/25 13:48	09/23/25



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	09/23/25 12:08
Project:	RFP 916	Date Received:	09/23/25
Client Sample ID:	EME-TS12-01	SDG No.:	Q3176
Lab Sample ID:	Q3176-01	Matrix:	SOIL
		% Solid:	66.1

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Cyanide	0.38		1	0.062	0.37	mg/Kg	09/26/25 08:30	09/26/25 13:48	9012B

Comments:

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

H = Sample Analysis Out Of Hold Time

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.	Date Collected:	09/23/25 12:20
Project:	RFP 916	Date Received:	09/23/25
Client Sample ID:	EME-TS13-01	SDG No.:	Q3176
Lab Sample ID:	Q3176-02	Matrix:	SOIL
		% Solid:	68.4

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Cyanide	0.64		1	0.061	0.36	mg/Kg	09/26/25 08:30	09/26/25 13:48	9012B

Comments:

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

H = Sample Analysis Out Of Hold Time

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.	Date Collected:	09/23/25 12:57
Project:	RFP 916	Date Received:	09/23/25
Client Sample ID:	EME-TS14-02	SDG No.:	Q3176
Lab Sample ID:	Q3176-03	Matrix:	SOIL
		% Solid:	70

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Cyanide	0.44		1	0.058	0.34	mg/Kg	09/26/25 08:30	09/26/25 13:48	9012B

Comments:

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

H = Sample Analysis Out Of Hold Time

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

QC RESULT SUMMARY

Initial and Continuing Calibration Verification

Client: Weston Solutions, Inc.

SDG No.: Q3176

Project: RFP 916

RunNo.: LB137340

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV1 Cyanide	mg/L	0.095	0.099	96	90-110	09/26/2025
Sample ID: CCV1 Cyanide	mg/L	0.24	0.25	96	90-110	09/26/2025
Sample ID: CCV2 Cyanide	mg/L	0.24	0.25	96	90-110	09/26/2025
Sample ID: CCV3 Cyanide	mg/L	0.24	0.25	96	90-110	09/26/2025

Initial and Continuing Calibration Blank Summary

Client: Weston Solutions, Inc.

SDG No.: Q3176

Project: RFP 916

RunNo.: LB137340

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB1 Cyanide	mg/L	< 0.0025	0.0025	U	0.00096	0.005	09/26/2025
Sample ID: CCB1 Cyanide	mg/L	< 0.0025	0.0025	U	0.00096	0.005	09/26/2025
Sample ID: CCB2 Cyanide	mg/L	< 0.0025	0.0025	U	0.00096	0.005	09/26/2025
Sample ID: CCB3 Cyanide	mg/L	< 0.0025	0.0025	U	0.00096	0.005	09/26/2025

Preparation Blank Summary

Client: Weston Solutions, Inc.

SDG No.: Q3176

Project: RFP 916

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: Cyanide	PB169871BL mg/Kg	< 0.1250	0.1250	U	0.042	0.25	09/26/2025

Matrix Spike Summary

Client:	Weston Solutions, Inc.	SDG No.:	Q3176
Project:	RFP 916	Sample ID:	Q3178-01
Client ID:	EME-TS14-01MS	Percent Solids for Spike Sample:	71.4

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Cyanide	mg/Kg	75-125	3.10		0.46		2.7	1	98		09/26/2025

Matrix Spike Summary

Client:	Weston Solutions, Inc.	SDG No.:	Q3176
Project:	RFP 916	Sample ID:	Q3178-01
Client ID:	EME-TS14-01MSD	Percent Solids for Spike Sample:	71.4

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Cyanide	mg/Kg	75-125	3.20		0.46		2.7	1	101		09/26/2025

Duplicate Sample Summary

Client:	Weston Solutions, Inc.	SDG No.:	Q3176
Project:	RFP 916	Sample ID:	Q3178-01
Client ID:	EME-TS14-01DUP	Percent Solids for Spike Sample:	71.4

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Cyanide	mg/Kg	+/-20	0.46		0.50		1	8		09/26/2025

Duplicate Sample Summary

Client: Weston Solutions, Inc. Project: RFP 916 Client ID: EME-TS14-01MSD	SDG No.: Q3176 Sample ID: Q3178-01 Percent Solids for Spike Sample: 71.4
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Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Cyanide	mg/Kg	+/-20	3.10		3.20		1	3.2		09/26/2025

Laboratory Control Sample Summary

Client: Weston Solutions, Inc.

SDG No.: Q3176

Project: RFP 916

Run No.: LB137340

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	PB169871BS							
Cyanide	mg/Kg	5	4.80		96	1	85-115	09/26/2025