

LAB CHRONICLE

OrderID:	Q3177	OrderDate:	9/24/2025 10:36:00 AM
Client:	Weston Solutions, Inc.	Project:	RFP 916
Contact:	Smita Sumbaly	Location:	J23

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3177-01	EME-TS12-01	WATER			09/23/25 12:08			09/23/25
			SPLP Cyanide	9012B		09/29/25	09/29/25 15:57	
Q3177-02	EME-TS13-01	WATER			09/23/25 12:20			09/23/25
			SPLP Cyanide	9012B		09/29/25	09/29/25 15:57	
Q3177-03	EME-TS14-02	WATER			09/23/25 12:57			09/23/25
			SPLP Cyanide	9012B		09/29/25	09/29/25 15:57	



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.:	Q3177
Lab Sample ID:	Q3177-01	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Cyanide	0.0020	J	1	0.00096	0.0050	mg/L	09/29/25 08:45	09/29/25 15:57	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.:	Q3177
Lab Sample ID:	Q3177-02	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Cyanide	0.0014	J	1	0.00096	0.0050	mg/L	09/29/25 08:45	09/29/25 15:57	9012B

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

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H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

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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.:	Q3177
Lab Sample ID:	Q3177-03	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Cyanide	0.0028	J	1	0.00096	0.0050	mg/L	09/29/25 08:45	09/29/25 15:57	9012B

Comments:

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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.: Q3177

Project: RFP 916

RunNo.: LB137352

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV1 Cyanide	mg/L	0.099	0.099	100	90-110	09/29/2025
Sample ID: CCV1 Cyanide	mg/L	0.24	0.25	96	90-110	09/29/2025
Sample ID: CCV2 Cyanide	mg/L	0.24	0.25	96	90-110	09/29/2025

Initial and Continuing Calibration Blank Summary

Client: Weston Solutions, Inc.

SDG No.: Q3177

Project: RFP 916

RunNo.: LB137352

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	09/29/2025
Sample ID: CCB1 Cyanide	mg/L	< 0.0025	0.0025	U	0.00096	0.005	09/29/2025
Sample ID: CCB2 Cyanide	mg/L	0.0014	0.0025	J	0.00096	0.005	09/29/2025

Preparation Blank Summary

Client: Weston Solutions, Inc.

SDG No.: Q3177

Project: RFP 916

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: Cyanide	PB169878BL mg/L	< 0.0025	0.0025	U	0.00096	0.005	09/29/2025
Sample ID: Cyanide	PB169878TB mg/L	0.0012	0.0025	J	0.00096	0.005	09/29/2025

Matrix Spike Summary

Client:	Weston Solutions, Inc.	SDG No.:	Q3177
Project:	RFP 916	Sample ID:	Q3179-01
Client ID:	EME-TS14-01MS	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Cyanide	mg/L	75-125	0.041		0.0032	J	0.04	1	95		09/29/2025

Matrix Spike Summary

Client:	Weston Solutions, Inc.	SDG No.:	Q3177
Project:	RFP 916	Sample ID:	Q3179-01
Client ID:	EME-TS14-01MSD	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Cyanide	mg/L	75-125	0.040		0.0032	J	0.04	1	92		09/29/2025

Duplicate Sample Summary

Client: Weston Solutions, Inc. Project: RFP 916 Client ID: EME-TS14-01DUP	SDG No.: Q3177 Sample ID: Q3179-01 Percent Solids for Spike Sample: 0
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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/L	+/-20	0.0032	J	0.0030	J	1	6		09/29/2025

Duplicate Sample Summary

Client:	Weston Solutions, Inc.	SDG No.:	Q3177
Project:	RFP 916	Sample ID:	Q3179-01
Client ID:	EME-TS14-01MSD	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Cyanide	mg/L	+/-20	0.041		0.040		1	2		09/29/2025

Laboratory Control Sample Summary

Client: Weston Solutions, Inc.

SDG No.: Q3177

Project: RFP 916

Run No.: LB137352

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	PB169878BS							
Cyanide	mg/L	0.1	0.095		95	1	85-115	09/29/2025