

Hit Summary Sheet SW-846

SDG No.: Q1421
Client: Weston Solutions, Inc.

Order ID: Q1421
Project ID: RFP 905

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : P001-CLAY-CF01-01								
Q1421-04	P001-CLAY-CF01-01	Water	Aluminum	142		28.3	50.0	ug/L
Q1421-04	P001-CLAY-CF01-01	Water	Barium	52.3		6.28	50.0	ug/L
Q1421-04	P001-CLAY-CF01-01	Water	Beryllium	0.61	J	0.13	3.00	ug/L
Q1421-04	P001-CLAY-CF01-01	Water	Calcium	21200		33.0	1000	ug/L
Q1421-04	P001-CLAY-CF01-01	Water	Cobalt	12.6	J	0.50	15.0	ug/L
Q1421-04	P001-CLAY-CF01-01	Water	Copper	9.80	J	7.07	10.0	ug/L
Q1421-04	P001-CLAY-CF01-01	Water	Iron	40600		18.5	50.0	ug/L
Q1421-04	P001-CLAY-CF01-01	Water	Magnesium	4480		39.4	1000	ug/L
Q1421-04	P001-CLAY-CF01-01	Water	Manganese	897		1.46	10.0	ug/L
Q1421-04	P001-CLAY-CF01-01	Water	Nickel	28.8		0.85	20.0	ug/L
Q1421-04	P001-CLAY-CF01-01	Water	Potassium	1820		685	1000	ug/L
Q1421-04	P001-CLAY-CF01-01	Water	Sodium	956	J	237	1000	ug/L
Q1421-04	P001-CLAY-CF01-01	Water	Thallium	3.07	J	2.32	20.0	ug/L
Q1421-04	P001-CLAY-CF01-01	Water	Zinc	78.1		1.75	20.0	ug/L
Client ID : P001-CLAY-CF01-02								
Q1421-08	P001-CLAY-CF01-02	Water	Aluminum	123		28.3	50.0	ug/L
Q1421-08	P001-CLAY-CF01-02	Water	Arsenic	4.98	J	3.48	10.0	ug/L
Q1421-08	P001-CLAY-CF01-02	Water	Barium	93.3		6.28	50.0	ug/L
Q1421-08	P001-CLAY-CF01-02	Water	Beryllium	0.38	J	0.13	3.00	ug/L
Q1421-08	P001-CLAY-CF01-02	Water	Calcium	18000		33.0	1000	ug/L
Q1421-08	P001-CLAY-CF01-02	Water	Cobalt	1.85	J	0.50	15.0	ug/L
Q1421-08	P001-CLAY-CF01-02	Water	Copper	11.5		7.07	10.0	ug/L
Q1421-08	P001-CLAY-CF01-02	Water	Iron	24500		18.5	50.0	ug/L
Q1421-08	P001-CLAY-CF01-02	Water	Magnesium	2850		39.4	1000	ug/L
Q1421-08	P001-CLAY-CF01-02	Water	Manganese	405		1.46	10.0	ug/L
Q1421-08	P001-CLAY-CF01-02	Water	Nickel	6.06	J	0.85	20.0	ug/L
Q1421-08	P001-CLAY-CF01-02	Water	Potassium	2560		685	1000	ug/L
Q1421-08	P001-CLAY-CF01-02	Water	Sodium	1990		237	1000	ug/L
Q1421-08	P001-CLAY-CF01-02	Water	Zinc	72.2		1.75	20.0	ug/L
Client ID : P001-CLAY-CF02-01								
Q1421-10	P001-CLAY-CF02-01	Water	Aluminum	316		28.3	50.0	ug/L
Q1421-10	P001-CLAY-CF02-01	Water	Arsenic	3.59	J	3.48	10.0	ug/L
Q1421-10	P001-CLAY-CF02-01	Water	Barium	107		6.28	50.0	ug/L
Q1421-10	P001-CLAY-CF02-01	Water	Beryllium	0.54	J	0.13	3.00	ug/L
Q1421-10	P001-CLAY-CF02-01	Water	Calcium	22300		33.0	1000	ug/L
Q1421-10	P001-CLAY-CF02-01	Water	Cobalt	2.76	J	0.50	15.0	ug/L

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SW-846

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Client: Weston Solutions, Inc.

Order ID: Q1421
Project ID: RFP 905

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q1421-10	P001-CLAY-CF02-01	Water	Copper	9.43	J	7.07	10.0	ug/L
Q1421-10	P001-CLAY-CF02-01	Water	Iron	31500		18.5	50.0	ug/L
Q1421-10	P001-CLAY-CF02-01	Water	Magnesium	3480		39.4	1000	ug/L
Q1421-10	P001-CLAY-CF02-01	Water	Manganese	416		1.46	10.0	ug/L
Q1421-10	P001-CLAY-CF02-01	Water	Nickel	6.01	J	0.85	20.0	ug/L
Q1421-10	P001-CLAY-CF02-01	Water	Potassium	2700		685	1000	ug/L
Q1421-10	P001-CLAY-CF02-01	Water	Sodium	1060		237	1000	ug/L
Q1421-10	P001-CLAY-CF02-01	Water	Thallium	2.34	J	2.32	20.0	ug/L
Q1421-10	P001-CLAY-CF02-01	Water	Zinc	72.8		1.75	20.0	ug/L



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	02/24/25
Project:	RFP 905	Date Received:	02/24/25
Client Sample ID:	P001-CLAY-CF01-01	SDG No.:	Q1421
Lab Sample ID:	Q1421-04	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	142		1	28.3	50.0	ug/L	02/26/25 12:05	03/11/25 11:38	SW6010	SW3010
7440-36-0	Antimony	2.06	U	1	2.06	25.0	ug/L	02/26/25 12:05	03/11/25 11:38	SW6010	SW3010
7440-38-2	Arsenic	3.48	U	1	3.48	10.0	ug/L	02/26/25 12:05	03/11/25 11:38	SW6010	SW3010
7440-39-3	Barium	52.3		1	6.28	50.0	ug/L	02/26/25 12:05	03/11/25 11:38	SW6010	SW3010
7440-41-7	Beryllium	0.61	J	1	0.13	3.00	ug/L	02/26/25 12:05	03/11/25 11:38	SW6010	SW3010
7440-43-9	Cadmium	0.094	U	1	0.094	3.00	ug/L	02/26/25 12:05	03/11/25 11:38	SW6010	SW3010
7440-70-2	Calcium	21200		1	33.0	1000	ug/L	02/26/25 12:05	03/11/25 11:38	SW6010	SW3010
7440-47-3	Chromium	0.66	U	1	0.66	5.00	ug/L	02/26/25 12:05	03/11/25 11:38	SW6010	SW3010
7440-48-4	Cobalt	12.6	J	1	0.50	15.0	ug/L	02/26/25 12:05	03/11/25 11:38	SW6010	SW3010
7440-50-8	Copper	9.80	J	1	7.07	10.0	ug/L	02/26/25 12:05	03/11/25 11:38	SW6010	SW3010
7439-89-6	Iron	40600		1	18.5	50.0	ug/L	02/26/25 12:05	03/11/25 11:38	SW6010	SW3010
7439-92-1	Lead	3.51	U	1	3.51	6.00	ug/L	02/26/25 12:05	03/11/25 11:38	SW6010	SW3010
7439-95-4	Magnesium	4480		1	39.4	1000	ug/L	02/26/25 12:05	03/11/25 11:38	SW6010	SW3010
7439-96-5	Manganese	897		1	1.46	10.0	ug/L	02/26/25 12:05	03/11/25 11:38	SW6010	SW3010
7439-97-6	Mercury	0.081	U	1	0.081	0.20	ug/L	02/27/25 11:05	02/27/25 13:59	SW7470A	
7440-02-0	Nickel	28.8		1	0.85	20.0	ug/L	02/26/25 12:05	03/11/25 11:38	SW6010	SW3010
7440-09-7	Potassium	1820		1	685	1000	ug/L	02/26/25 12:05	03/11/25 11:38	SW6010	SW3010
7782-49-2	Selenium	5.88	U	1	5.88	10.0	ug/L	02/26/25 12:05	03/11/25 11:38	SW6010	SW3010
7440-22-4	Silver	0.58	U	1	0.58	5.00	ug/L	02/26/25 12:05	03/11/25 11:38	SW6010	SW3010
7440-23-5	Sodium	956	J	1	237	1000	ug/L	02/26/25 12:05	03/11/25 11:38	SW6010	SW3010
7440-28-0	Thallium	3.07	J	1	2.32	20.0	ug/L	02/26/25 12:05	03/11/25 11:38	SW6010	SW3010
7440-62-2	Vanadium	3.06	U	1	3.06	20.0	ug/L	02/26/25 12:05	03/11/25 11:38	SW6010	SW3010
7440-66-6	Zinc	78.1		1	1.75	20.0	ug/L	02/26/25 12:05	03/11/25 11:38	SW6010	SW3010

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	SPLP ICP Metals			

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.	Date Collected:	02/24/25
Project:	RFP 905	Date Received:	02/24/25
Client Sample ID:	P001-CLAY-CF01-02	SDG No.:	Q1421
Lab Sample ID:	Q1421-08	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	123		1	28.3	50.0	ug/L	02/26/25 12:05	03/10/25 14:28	SW6010	SW3010
7440-36-0	Antimony	2.06	U	1	2.06	25.0	ug/L	02/26/25 12:05	03/10/25 14:28	SW6010	SW3010
7440-38-2	Arsenic	4.98	J	1	3.48	10.0	ug/L	02/26/25 12:05	03/10/25 14:28	SW6010	SW3010
7440-39-3	Barium	93.3		1	6.28	50.0	ug/L	02/26/25 12:05	03/10/25 14:28	SW6010	SW3010
7440-41-7	Beryllium	0.38	J	1	0.13	3.00	ug/L	02/26/25 12:05	03/10/25 14:28	SW6010	SW3010
7440-43-9	Cadmium	0.094	U	1	0.094	3.00	ug/L	02/26/25 12:05	03/10/25 14:28	SW6010	SW3010
7440-70-2	Calcium	18000		1	33.0	1000	ug/L	02/26/25 12:05	03/10/25 14:28	SW6010	SW3010
7440-47-3	Chromium	0.66	U	1	0.66	5.00	ug/L	02/26/25 12:05	03/10/25 14:28	SW6010	SW3010
7440-48-4	Cobalt	1.85	J	1	0.50	15.0	ug/L	02/26/25 12:05	03/10/25 14:28	SW6010	SW3010
7440-50-8	Copper	11.5		1	7.07	10.0	ug/L	02/26/25 12:05	03/10/25 14:28	SW6010	SW3010
7439-89-6	Iron	24500		1	18.5	50.0	ug/L	02/26/25 12:05	03/10/25 14:28	SW6010	SW3010
7439-92-1	Lead	3.51	U	1	3.51	6.00	ug/L	02/26/25 12:05	03/10/25 14:28	SW6010	SW3010
7439-95-4	Magnesium	2850		1	39.4	1000	ug/L	02/26/25 12:05	03/10/25 14:28	SW6010	SW3010
7439-96-5	Manganese	405		1	1.46	10.0	ug/L	02/26/25 12:05	03/10/25 14:28	SW6010	SW3010
7439-97-6	Mercury	0.081	U	1	0.081	0.20	ug/L	02/27/25 11:05	02/27/25 14:10	SW7470A	
7440-02-0	Nickel	6.06	J	1	0.85	20.0	ug/L	02/26/25 12:05	03/10/25 14:28	SW6010	SW3010
7440-09-7	Potassium	2560		1	685	1000	ug/L	02/26/25 12:05	03/10/25 14:28	SW6010	SW3010
7782-49-2	Selenium	5.88	U	1	5.88	10.0	ug/L	02/26/25 12:05	03/10/25 14:28	SW6010	SW3010
7440-22-4	Silver	0.58	U	1	0.58	5.00	ug/L	02/26/25 12:05	03/10/25 14:28	SW6010	SW3010
7440-23-5	Sodium	1990		1	237	1000	ug/L	02/26/25 12:05	03/10/25 14:28	SW6010	SW3010
7440-28-0	Thallium	2.32	U	1	2.32	20.0	ug/L	02/26/25 12:05	03/10/25 14:28	SW6010	SW3010
7440-62-2	Vanadium	3.06	U	1	3.06	20.0	ug/L	02/26/25 12:05	03/10/25 14:28	SW6010	SW3010
7440-66-6	Zinc	72.2		1	1.75	20.0	ug/L	02/26/25 12:05	03/10/25 14:28	SW6010	SW3010

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	SPLP ICP Metals			

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 LOQ = Limit of Quantitation
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Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	02/24/25
Project:	RFP 905	Date Received:	02/24/25
Client Sample ID:	P001-CLAY-CF02-01	SDG No.:	Q1421
Lab Sample ID:	Q1421-10	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	316		1	28.3	50.0	ug/L	02/26/25 12:05	03/10/25 14:32	SW6010	SW3010
7440-36-0	Antimony	2.06	U	1	2.06	25.0	ug/L	02/26/25 12:05	03/10/25 14:32	SW6010	SW3010
7440-38-2	Arsenic	3.59	J	1	3.48	10.0	ug/L	02/26/25 12:05	03/10/25 14:32	SW6010	SW3010
7440-39-3	Barium	107		1	6.28	50.0	ug/L	02/26/25 12:05	03/10/25 14:32	SW6010	SW3010
7440-41-7	Beryllium	0.54	J	1	0.13	3.00	ug/L	02/26/25 12:05	03/10/25 14:32	SW6010	SW3010
7440-43-9	Cadmium	0.094	U	1	0.094	3.00	ug/L	02/26/25 12:05	03/10/25 14:32	SW6010	SW3010
7440-70-2	Calcium	22300		1	33.0	1000	ug/L	02/26/25 12:05	03/10/25 14:32	SW6010	SW3010
7440-47-3	Chromium	0.66	U	1	0.66	5.00	ug/L	02/26/25 12:05	03/10/25 14:32	SW6010	SW3010
7440-48-4	Cobalt	2.76	J	1	0.50	15.0	ug/L	02/26/25 12:05	03/10/25 14:32	SW6010	SW3010
7440-50-8	Copper	9.43	J	1	7.07	10.0	ug/L	02/26/25 12:05	03/10/25 14:32	SW6010	SW3010
7439-89-6	Iron	31500		1	18.5	50.0	ug/L	02/26/25 12:05	03/10/25 14:32	SW6010	SW3010
7439-92-1	Lead	3.51	U	1	3.51	6.00	ug/L	02/26/25 12:05	03/10/25 14:32	SW6010	SW3010
7439-95-4	Magnesium	3480		1	39.4	1000	ug/L	02/26/25 12:05	03/10/25 14:32	SW6010	SW3010
7439-96-5	Manganese	416		1	1.46	10.0	ug/L	02/26/25 12:05	03/10/25 14:32	SW6010	SW3010
7439-97-6	Mercury	0.081	U	1	0.081	0.20	ug/L	02/27/25 11:05	02/27/25 14:17	SW7470A	
7440-02-0	Nickel	6.01	J	1	0.85	20.0	ug/L	02/26/25 12:05	03/10/25 14:32	SW6010	SW3010
7440-09-7	Potassium	2700		1	685	1000	ug/L	02/26/25 12:05	03/10/25 14:32	SW6010	SW3010
7782-49-2	Selenium	5.88	U	1	5.88	10.0	ug/L	02/26/25 12:05	03/10/25 14:32	SW6010	SW3010
7440-22-4	Silver	0.58	U	1	0.58	5.00	ug/L	02/26/25 12:05	03/10/25 14:32	SW6010	SW3010
7440-23-5	Sodium	1060		1	237	1000	ug/L	02/26/25 12:05	03/10/25 14:32	SW6010	SW3010
7440-28-0	Thallium	2.34	J	1	2.32	20.0	ug/L	02/26/25 12:05	03/10/25 14:32	SW6010	SW3010
7440-62-2	Vanadium	3.06	U	1	3.06	20.0	ug/L	02/26/25 12:05	03/10/25 14:32	SW6010	SW3010
7440-66-6	Zinc	72.8		1	1.75	20.0	ug/L	02/26/25 12:05	03/10/25 14:32	SW6010	SW3010

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	SPLP ICP Metals			

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LAB CHRONICLE

OrderID:	Q1421	OrderDate:	2/24/2025 2:56:42 PM
Client:	Weston Solutions, Inc.	Project:	RFP 905
Contact:	Smita Sumbaly	Location:	H31, VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1421-01	P001-CLAY-CF01-01	SOIL			02/24/25			02/24/25
			Mercury	7471B		02/25/25	02/26/25	
			Metals ICP-TAL	6010D		02/25/25	03/10/25	
Q1421-04	P001-CLAY-CF01-01	Water			02/24/25			02/24/25
			SPLP ICP Metals	6010D		02/26/25	03/11/25	
			SPLP Mercury	7470A		02/27/25	02/27/25	
Q1421-07	P001-CLAY-CF01-02	SOIL			02/24/25			02/24/25
			Mercury	7471B		02/25/25	02/26/25	
			Metals ICP-TAL	6010D		02/25/25	03/10/25	
Q1421-08	P001-CLAY-CF01-02	Water			02/24/25			02/24/25
			SPLP ICP Metals	6010D		02/26/25	03/10/25	
			SPLP Mercury	7470A		02/27/25	02/27/25	
Q1421-09	P001-CLAY-CF02-01	SOIL			02/24/25			02/24/25
			Mercury	7471B		02/25/25	02/26/25	
			Metals ICP-TAL	6010D		02/25/25	03/10/25	
Q1421-10	P001-CLAY-CF02-01	Water			02/24/25			02/24/25
			SPLP ICP Metals	6010D		02/26/25	03/10/25	
			SPLP Mercury	7470A		02/27/25	02/27/25	