

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								
Q1421-01	P001-CLAY-CF01-01	SOIL	Aluminum	6910		3.12	6.47	mg/Kg
Q1421-01	P001-CLAY-CF01-01	SOIL	Arsenic	13.9		0.38	1.29	mg/Kg
Q1421-01	P001-CLAY-CF01-01	SOIL	Barium	53.2		0.83	6.47	mg/Kg
Q1421-01	P001-CLAY-CF01-01	SOIL	Beryllium	1.43		0.016	0.39	mg/Kg
Q1421-01	P001-CLAY-CF01-01	SOIL	Calcium	4470		3.62	129	mg/Kg
Q1421-01	P001-CLAY-CF01-01	SOIL	Chromium	15.4		0.070	0.65	mg/Kg
Q1421-01	P001-CLAY-CF01-01	SOIL	Cobalt	9.63		0.075	1.94	mg/Kg
Q1421-01	P001-CLAY-CF01-01	SOIL	Copper	17.4		0.61	1.29	mg/Kg
Q1421-01	P001-CLAY-CF01-01	SOIL	Iron	70100	D	6.96	12.9	mg/Kg
Q1421-01	P001-CLAY-CF01-01	SOIL	Lead	14.4		0.19	0.78	mg/Kg
Q1421-01	P001-CLAY-CF01-01	SOIL	Magnesium	3020		4.44	129	mg/Kg
Q1421-01	P001-CLAY-CF01-01	SOIL	Manganese	492		0.092	1.29	mg/Kg
Q1421-01	P001-CLAY-CF01-01	SOIL	Mercury	0.030		0.0090	0.020	mg/Kg
Q1421-01	P001-CLAY-CF01-01	SOIL	Nickel	20.5		0.12	2.59	mg/Kg
Q1421-01	P001-CLAY-CF01-01	SOIL	Potassium	3070		37.1	129	mg/Kg
Q1421-01	P001-CLAY-CF01-01	SOIL	Sodium	102	J	46.7	129	mg/Kg
Q1421-01	P001-CLAY-CF01-01	SOIL	Thallium	5.31		0.57	2.59	mg/Kg
Q1421-01	P001-CLAY-CF01-01	SOIL	Vanadium	23.4		0.35	2.59	mg/Kg
Q1421-01	P001-CLAY-CF01-01	SOIL	Zinc	72.9		0.14	2.59	mg/Kg
Client ID : P001-CLAY-CF01-02								
Q1421-07	P001-CLAY-CF01-02	SOIL	Aluminum	6620		2.77	5.76	mg/Kg
Q1421-07	P001-CLAY-CF01-02	SOIL	Arsenic	16.9		0.33	1.15	mg/Kg
Q1421-07	P001-CLAY-CF01-02	SOIL	Barium	47.6		0.74	5.76	mg/Kg
Q1421-07	P001-CLAY-CF01-02	SOIL	Beryllium	1.55		0.014	0.35	mg/Kg
Q1421-07	P001-CLAY-CF01-02	SOIL	Calcium	4480		3.22	115	mg/Kg
Q1421-07	P001-CLAY-CF01-02	SOIL	Chromium	15.5		0.062	0.58	mg/Kg
Q1421-07	P001-CLAY-CF01-02	SOIL	Cobalt	11.0		0.067	1.73	mg/Kg
Q1421-07	P001-CLAY-CF01-02	SOIL	Copper	21.6		0.54	1.15	mg/Kg
Q1421-07	P001-CLAY-CF01-02	SOIL	Iron	77800	D	6.19	11.5	mg/Kg
Q1421-07	P001-CLAY-CF01-02	SOIL	Lead	17.1		0.17	0.69	mg/Kg
Q1421-07	P001-CLAY-CF01-02	SOIL	Magnesium	3070		3.95	115	mg/Kg
Q1421-07	P001-CLAY-CF01-02	SOIL	Manganese	593		0.082	1.15	mg/Kg
Q1421-07	P001-CLAY-CF01-02	SOIL	Nickel	25.1		0.10	2.30	mg/Kg
Q1421-07	P001-CLAY-CF01-02	SOIL	Potassium	2180		33.0	115	mg/Kg
Q1421-07	P001-CLAY-CF01-02	SOIL	Sodium	104	J	41.6	115	mg/Kg
Q1421-07	P001-CLAY-CF01-02	SOIL	Thallium	5.27		0.51	2.30	mg/Kg
Q1421-07	P001-CLAY-CF01-02	SOIL	Vanadium	25.6		0.31	2.30	mg/Kg

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
Q1421-07	P001-CLAY-CF01-02	SOIL	Zinc	80.4		0.13	2.30	mg/Kg
Client ID : P001-CLAY-CF02-01								
Q1421-09	P001-CLAY-CF02-01	SOIL	Aluminum	5940		2.77	5.75	mg/Kg
Q1421-09	P001-CLAY-CF02-01	SOIL	Arsenic	14.3		0.33	1.15	mg/Kg
Q1421-09	P001-CLAY-CF02-01	SOIL	Barium	41.8		0.74	5.75	mg/Kg
Q1421-09	P001-CLAY-CF02-01	SOIL	Beryllium	1.35		0.014	0.35	mg/Kg
Q1421-09	P001-CLAY-CF02-01	SOIL	Calcium	3290		3.22	115	mg/Kg
Q1421-09	P001-CLAY-CF02-01	SOIL	Chromium	15.3		0.062	0.57	mg/Kg
Q1421-09	P001-CLAY-CF02-01	SOIL	Cobalt	8.47		0.067	1.72	mg/Kg
Q1421-09	P001-CLAY-CF02-01	SOIL	Copper	17.8		0.54	1.15	mg/Kg
Q1421-09	P001-CLAY-CF02-01	SOIL	Iron	55100		3.09	5.75	mg/Kg
Q1421-09	P001-CLAY-CF02-01	SOIL	Lead	13.9		0.17	0.69	mg/Kg
Q1421-09	P001-CLAY-CF02-01	SOIL	Magnesium	2510		3.94	115	mg/Kg
Q1421-09	P001-CLAY-CF02-01	SOIL	Manganese	392		0.082	1.15	mg/Kg
Q1421-09	P001-CLAY-CF02-01	SOIL	Nickel	18.8		0.10	2.30	mg/Kg
Q1421-09	P001-CLAY-CF02-01	SOIL	Potassium	1920		33.0	115	mg/Kg
Q1421-09	P001-CLAY-CF02-01	SOIL	Sodium	79.7	J	41.5	115	mg/Kg
Q1421-09	P001-CLAY-CF02-01	SOIL	Thallium	4.39		0.51	2.30	mg/Kg
Q1421-09	P001-CLAY-CF02-01	SOIL	Vanadium	22.8		0.31	2.30	mg/Kg
Q1421-09	P001-CLAY-CF02-01	SOIL	Zinc	65.2		0.13	2.30	mg/Kg



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:	Q1421-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	70.3

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	6910		1	3.12	6.47	mg/Kg	02/25/25 10:05	03/10/25 14:36	SW6010	SW3050
7440-36-0	Antimony	0.19	UN	1	0.19	3.23	mg/Kg	02/25/25 10:05	03/10/25 14:36	SW6010	SW3050
7440-38-2	Arsenic	13.9		1	0.38	1.29	mg/Kg	02/25/25 10:05	03/10/25 14:36	SW6010	SW3050
7440-39-3	Barium	53.2		1	0.83	6.47	mg/Kg	02/25/25 10:05	03/10/25 14:36	SW6010	SW3050
7440-41-7	Beryllium	1.43		1	0.016	0.39	mg/Kg	02/25/25 10:05	03/10/25 14:36	SW6010	SW3050
7440-43-9	Cadmium	0.021	U	1	0.021	0.39	mg/Kg	02/25/25 10:05	03/10/25 14:36	SW6010	SW3050
7440-70-2	Calcium	4470		1	3.62	129	mg/Kg	02/25/25 10:05	03/10/25 14:36	SW6010	SW3050
7440-47-3	Chromium	15.4		1	0.070	0.65	mg/Kg	02/25/25 10:05	03/10/25 14:36	SW6010	SW3050
7440-48-4	Cobalt	9.63		1	0.075	1.94	mg/Kg	02/25/25 10:05	03/10/25 14:36	SW6010	SW3050
7440-50-8	Copper	17.4		1	0.61	1.29	mg/Kg	02/25/25 10:05	03/10/25 14:36	SW6010	SW3050
7439-89-6	Iron	70100	D	2	6.96	12.9	mg/Kg	02/25/25 10:05	03/10/25 16:56	SW6010	SW3050
7439-92-1	Lead	14.4		1	0.19	0.78	mg/Kg	02/25/25 10:05	03/10/25 14:36	SW6010	SW3050
7439-95-4	Magnesium	3020		1	4.44	129	mg/Kg	02/25/25 10:05	03/10/25 14:36	SW6010	SW3050
7439-96-5	Manganese	492		1	0.092	1.29	mg/Kg	02/25/25 10:05	03/10/25 14:36	SW6010	SW3050
7439-97-6	Mercury	0.030	N	1	0.0090	0.020	mg/Kg	02/25/25 13:30	02/26/25 12:02	SW7471B	
7440-02-0	Nickel	20.5		1	0.12	2.59	mg/Kg	02/25/25 10:05	03/10/25 14:36	SW6010	SW3050
7440-09-7	Potassium	3070		1	37.1	129	mg/Kg	02/25/25 10:05	03/10/25 14:36	SW6010	SW3050
7782-49-2	Selenium	0.43	UN	1	0.43	1.29	mg/Kg	02/25/25 10:05	03/10/25 14:36	SW6010	SW3050
7440-22-4	Silver	0.067	UN	1	0.067	0.65	mg/Kg	02/25/25 10:05	03/10/25 14:36	SW6010	SW3050
7440-23-5	Sodium	102	J	1	46.7	129	mg/Kg	02/25/25 10:05	03/10/25 14:36	SW6010	SW3050
7440-28-0	Thallium	5.31		1	0.57	2.59	mg/Kg	02/25/25 10:05	03/10/25 14:36	SW6010	SW3050
7440-62-2	Vanadium	23.4		1	0.35	2.59	mg/Kg	02/25/25 10:05	03/10/25 14:36	SW6010	SW3050
7440-66-6	Zinc	72.9		1	0.14	2.59	mg/Kg	02/25/25 10:05	03/10/25 14:36	SW6010	SW3050

Color Before:	Black	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	
Comments:	METALS TAL+CN			

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:	Q1421-07	Matrix:	SOIL
Level (low/med):	low	% Solid:	75.2

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	6620		1	2.77	5.76	mg/Kg	02/25/25 10:05	03/10/25 15:10	SW6010	SW3050
7440-36-0	Antimony	0.17	UN	1	0.17	2.88	mg/Kg	02/25/25 10:05	03/10/25 15:10	SW6010	SW3050
7440-38-2	Arsenic	16.9		1	0.33	1.15	mg/Kg	02/25/25 10:05	03/10/25 15:10	SW6010	SW3050
7440-39-3	Barium	47.6		1	0.74	5.76	mg/Kg	02/25/25 10:05	03/10/25 15:10	SW6010	SW3050
7440-41-7	Beryllium	1.55		1	0.014	0.35	mg/Kg	02/25/25 10:05	03/10/25 15:10	SW6010	SW3050
7440-43-9	Cadmium	0.018	U	1	0.018	0.35	mg/Kg	02/25/25 10:05	03/10/25 15:10	SW6010	SW3050
7440-70-2	Calcium	4480		1	3.22	115	mg/Kg	02/25/25 10:05	03/10/25 15:10	SW6010	SW3050
7440-47-3	Chromium	15.5		1	0.062	0.58	mg/Kg	02/25/25 10:05	03/10/25 15:10	SW6010	SW3050
7440-48-4	Cobalt	11.0		1	0.067	1.73	mg/Kg	02/25/25 10:05	03/10/25 15:10	SW6010	SW3050
7440-50-8	Copper	21.6		1	0.54	1.15	mg/Kg	02/25/25 10:05	03/10/25 15:10	SW6010	SW3050
7439-89-6	Iron	77800	D	2	6.19	11.5	mg/Kg	02/25/25 10:05	03/10/25 17:21	SW6010	SW3050
7439-92-1	Lead	17.1		1	0.17	0.69	mg/Kg	02/25/25 10:05	03/10/25 15:10	SW6010	SW3050
7439-95-4	Magnesium	3070		1	3.95	115	mg/Kg	02/25/25 10:05	03/10/25 15:10	SW6010	SW3050
7439-96-5	Manganese	593		1	0.082	1.15	mg/Kg	02/25/25 10:05	03/10/25 15:10	SW6010	SW3050
7439-97-6	Mercury	0.0080	UN	1	0.0080	0.018	mg/Kg	02/25/25 13:30	02/26/25 12:23	SW7471B	
7440-02-0	Nickel	25.1		1	0.10	2.30	mg/Kg	02/25/25 10:05	03/10/25 15:10	SW6010	SW3050
7440-09-7	Potassium	2180		1	33.0	115	mg/Kg	02/25/25 10:05	03/10/25 15:10	SW6010	SW3050
7782-49-2	Selenium	0.38	UN	1	0.38	1.15	mg/Kg	02/25/25 10:05	03/10/25 15:10	SW6010	SW3050
7440-22-4	Silver	0.12	UDN	2	0.12	1.15	mg/Kg	02/25/25 10:05	03/10/25 17:21	SW6010	SW3050
7440-23-5	Sodium	104	J	1	41.6	115	mg/Kg	02/25/25 10:05	03/10/25 15:10	SW6010	SW3050
7440-28-0	Thallium	5.27		1	0.51	2.30	mg/Kg	02/25/25 10:05	03/10/25 15:10	SW6010	SW3050
7440-62-2	Vanadium	25.6		1	0.31	2.30	mg/Kg	02/25/25 10:05	03/10/25 15:10	SW6010	SW3050
7440-66-6	Zinc	80.4		1	0.13	2.30	mg/Kg	02/25/25 10:05	03/10/25 15:10	SW6010	SW3050

Color Before:	Black	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	
Comments:	METALS TAL+CN			

U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
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 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-CF02-01	SDG No.:	Q1421
Lab Sample ID:	Q1421-09	Matrix:	SOIL
Level (low/med):	low	% Solid:	78.4

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	5940		1	2.77	5.75	mg/Kg	02/25/25 10:05	03/10/25 15:14	SW6010	SW3050
7440-36-0	Antimony	0.17	UN	1	0.17	2.87	mg/Kg	02/25/25 10:05	03/10/25 15:14	SW6010	SW3050
7440-38-2	Arsenic	14.3		1	0.33	1.15	mg/Kg	02/25/25 10:05	03/10/25 15:14	SW6010	SW3050
7440-39-3	Barium	41.8		1	0.74	5.75	mg/Kg	02/25/25 10:05	03/10/25 15:14	SW6010	SW3050
7440-41-7	Beryllium	1.35		1	0.014	0.35	mg/Kg	02/25/25 10:05	03/10/25 15:14	SW6010	SW3050
7440-43-9	Cadmium	0.018	U	1	0.018	0.35	mg/Kg	02/25/25 10:05	03/10/25 15:14	SW6010	SW3050
7440-70-2	Calcium	3290		1	3.22	115	mg/Kg	02/25/25 10:05	03/10/25 15:14	SW6010	SW3050
7440-47-3	Chromium	15.3		1	0.062	0.57	mg/Kg	02/25/25 10:05	03/10/25 15:14	SW6010	SW3050
7440-48-4	Cobalt	8.47		1	0.067	1.72	mg/Kg	02/25/25 10:05	03/10/25 15:14	SW6010	SW3050
7440-50-8	Copper	17.8		1	0.54	1.15	mg/Kg	02/25/25 10:05	03/10/25 15:14	SW6010	SW3050
7439-89-6	Iron	55100		1	3.09	5.75	mg/Kg	02/25/25 10:05	03/10/25 15:14	SW6010	SW3050
7439-92-1	Lead	13.9		1	0.17	0.69	mg/Kg	02/25/25 10:05	03/10/25 15:14	SW6010	SW3050
7439-95-4	Magnesium	2510		1	3.94	115	mg/Kg	02/25/25 10:05	03/10/25 15:14	SW6010	SW3050
7439-96-5	Manganese	392		1	0.082	1.15	mg/Kg	02/25/25 10:05	03/10/25 15:14	SW6010	SW3050
7439-97-6	Mercury	0.0070	UN	1	0.0070	0.017	mg/Kg	02/25/25 13:30	02/26/25 12:26	SW7471B	
7440-02-0	Nickel	18.8		1	0.10	2.30	mg/Kg	02/25/25 10:05	03/10/25 15:14	SW6010	SW3050
7440-09-7	Potassium	1920		1	33.0	115	mg/Kg	02/25/25 10:05	03/10/25 15:14	SW6010	SW3050
7782-49-2	Selenium	0.38	UN	1	0.38	1.15	mg/Kg	02/25/25 10:05	03/10/25 15:14	SW6010	SW3050
7440-22-4	Silver	0.060	UN	1	0.060	0.57	mg/Kg	02/25/25 10:05	03/10/25 15:14	SW6010	SW3050
7440-23-5	Sodium	79.7	J	1	41.5	115	mg/Kg	02/25/25 10:05	03/10/25 15:14	SW6010	SW3050
7440-28-0	Thallium	4.39		1	0.51	2.30	mg/Kg	02/25/25 10:05	03/10/25 15:14	SW6010	SW3050
7440-62-2	Vanadium	22.8		1	0.31	2.30	mg/Kg	02/25/25 10:05	03/10/25 15:14	SW6010	SW3050
7440-66-6	Zinc	65.2		1	0.13	2.30	mg/Kg	02/25/25 10:05	03/10/25 15:14	SW6010	SW3050

Color Before:	Black	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	
Comments:	METALS TAL+CN			

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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	Mercury	7471B	02/24/25	02/25/25	02/26/25	02/24/25
			Metals ICP-TAL	6010D		02/25/25	03/10/25	
Q1421-07	P001-CLAY-CF01-02	SOIL	Mercury	7471B	02/24/25	02/25/25	02/26/25	02/24/25
			Metals ICP-TAL	6010D		02/25/25	03/10/25	
Q1421-09	P001-CLAY-CF02-01	SOIL	Mercury	7471B	02/24/25	02/25/25	02/26/25	02/24/25
			Metals ICP-TAL	6010D		02/25/25	03/10/25	