

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	10/21/24
Project:	NJ Soil PT	Date Received:	10/23/24
Client Sample ID:	PT-MET-SOIL	SDG No.:	P4495
Lab Sample ID:	P4495-10	Matrix:	SOIL
Level (low/med):	low	% Solid:	100

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	10700		1	2.14	4.44	mg/Kg	11/26/24 12:45	11/27/24 14:52	SW6010	SW3050
7440-36-0	Antimony	50.3		1	0.13	2.22	mg/Kg	11/26/24 12:45	11/27/24 14:52	SW6010	SW3050
7440-38-2	Arsenic	83.2		1	0.26	0.89	mg/Kg	11/26/24 12:45	11/27/24 14:52	SW6010	SW3050
7440-39-3	Barium	265		1	0.57	4.44	mg/Kg	11/26/24 12:45	11/27/24 14:52	SW6010	SW3050
7440-41-7	Beryllium	139	D	10	0.11	2.67	mg/Kg	11/26/24 12:45	12/04/24 14:33	SW6010	SW3050
7440-42-8	Boron	308		1	0.70	4.44	mg/Kg	11/26/24 12:45	11/27/24 14:52	SW6010	SW3050
7440-43-9	Cadmium	73.5		1	0.014	0.27	mg/Kg	11/26/24 12:45	11/27/24 14:52	SW6010	SW3050
7440-70-2	Calcium	5000		1	2.49	88.9	mg/Kg	11/26/24 12:45	11/27/24 14:52	SW6010	SW3050
7440-47-3	Chromium	283	D	5	0.24	2.22	mg/Kg	11/26/24 12:45	11/27/24 15:07	SW6010	SW3050
7440-48-4	Cobalt	101		1	0.052	1.33	mg/Kg	11/26/24 12:45	11/27/24 14:52	SW6010	SW3050
7440-50-8	Copper	229		1	0.42	0.89	mg/Kg	11/26/24 12:45	11/27/24 14:52	SW6010	SW3050
7439-89-6	Iron	10400		1	2.39	4.44	mg/Kg	11/26/24 12:45	11/27/24 14:52	SW6010	SW3050
7439-92-1	Lead	181		1	0.13	0.53	mg/Kg	11/26/24 12:45	11/27/24 14:52	SW6010	SW3050
7439-93-2	Lithium	629	D	5	0.17	4.44	mg/Kg	11/26/24 12:45	11/27/24 15:07	SW6010	SW3050
7439-95-4	Magnesium	6900		1	3.05	88.9	mg/Kg	11/26/24 12:45	11/27/24 14:52	SW6010	SW3050
7439-96-5	Manganese	896		1	0.063	0.89	mg/Kg	11/26/24 12:45	11/27/24 14:52	SW6010	SW3050
7439-97-6	Mercury	21.8	D	50	0.29	0.65	mg/Kg	10/30/24 16:50	10/31/24 12:00	SW7471B	
7440-02-0	Nickel	95.8		1	0.080	1.78	mg/Kg	11/26/24 12:45	11/27/24 14:52	SW6010	SW3050
7440-09-7	Potassium	8040		1	25.5	88.9	mg/Kg	11/26/24 12:45	11/27/24 14:52	SW6010	SW3050
7782-49-2	Selenium	164		1	0.29	0.89	mg/Kg	11/26/24 12:45	11/27/24 14:52	SW6010	SW3050
7440-21-3	Silicon	430		1	3.64	17.8	mg/Kg	11/26/24 12:45	11/27/24 14:52	SW6010	SW3050
7440-22-4	Silver	29.2		1	0.046	0.44	mg/Kg	11/26/24 12:45	11/27/24 14:52	SW6010	SW3050
7440-23-5	Sodium	8990		1	32.1	88.9	mg/Kg	11/26/24 12:45	11/27/24 14:52	SW6010	SW3050
7440-24-6	Strontium	231		1	0.22	8.89	mg/Kg	11/26/24 12:45	11/27/24 14:52	SW6010	SW3050
7704-34-9	Sulfur	409		1	0.30	1.78	mg/Kg	11/26/24 12:45	11/27/24 14:52	SW6010	SW3050
7440-28-0	Thallium	175		1	0.39	1.78	mg/Kg	11/26/24 12:45	11/27/24 14:52	SW6010	SW3050
7440-31-5	Tin	73.7		1	0.15	1.78	mg/Kg	11/26/24 12:45	11/27/24 14:52	SW6010	SW3050
7440-32-6	Titanium	350	D	5	0.98	8.89	mg/Kg	11/26/24 12:45	11/27/24 15:07	SW6010	SW3050
7440-62-2	Vanadium	213		1	0.24	1.78	mg/Kg	11/26/24 12:45	11/27/24 14:52	SW6010	SW3050
7440-66-6	Zinc	267		1	0.098	1.78	mg/Kg	11/26/24 12:45	11/27/24 14:52	SW6010	SW3050

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	
Comments:	Mercury			

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