

Report of Analysis

Client: Alliance Technical Group, LLC - Newark
Project: NJ Soil PT
Client Sample ID: HW1025-PT-MET-SOIL
Lab Sample ID: Q3483-10
Level (low/med): low

Date Collected: 10/27/25
Date Received: 10/29/25
SDG No.: Q3483
Matrix: SOIL
% Solid: 100

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	7860		1	0.73	4.37	mg/Kg	10/30/25 10:30	12/10/25 22:17	6010D	SW3050
7440-36-0	Antimony	18.6		1	0.19	2.18	mg/Kg	10/30/25 10:30	12/10/25 22:17	6010D	SW3050
7440-38-2	Arsenic	96.6		1	0.17	0.87	mg/Kg	10/30/25 10:30	12/10/25 22:17	6010D	SW3050
7440-39-3	Barium	283		1	0.64	4.37	mg/Kg	10/30/25 10:30	12/10/25 22:17	6010D	SW3050
7440-41-7	Beryllium	54.7		1	0.022	0.26	mg/Kg	10/30/25 10:30	12/10/25 22:17	6010D	SW3050
7440-42-8	Boron	81.0		1	0.70	4.37	mg/Kg	10/30/25 10:30	12/10/25 22:17	6010D	SW3050
7440-43-9	Cadmium	114		1	0.021	0.26	mg/Kg	10/30/25 10:30	12/10/25 22:17	6010D	SW3050
7440-70-2	Calcium	8810		1	9.69	87.3	mg/Kg	10/30/25 10:30	12/10/25 22:17	6010D	SW3050
7440-47-3	Chromium	111		1	0.041	0.44	mg/Kg	10/30/25 10:30	12/10/25 22:17	6010D	SW3050
7440-48-4	Cobalt	255		1	0.087	1.31	mg/Kg	10/30/25 10:30	12/10/25 22:17	6010D	SW3050
7440-50-8	Copper	180		1	0.19	0.87	mg/Kg	10/30/25 10:30	12/10/25 22:17	6010D	SW3050
7439-89-6	Iron	9960		1	3.48	4.37	mg/Kg	10/30/25 10:30	12/10/25 22:17	6010D	SW3050
7439-92-1	Lead	142		1	0.11	0.52	mg/Kg	10/30/25 10:30	12/10/25 22:17	6010D	SW3050
7439-93-2	Lithium	156		1	0.033	0.87	mg/Kg	10/30/25 10:30	12/10/25 22:17	6010D	SW3050
7439-95-4	Magnesium	7220		1	10.5	87.3	mg/Kg	10/30/25 10:30	12/10/25 22:17	6010D	SW3050
7439-96-5	Manganese	151		1	0.12	0.87	mg/Kg	10/30/25 10:30	12/10/25 22:17	6010D	SW3050
7439-97-6	Mercury	24.7	D	50	0.36	0.65	mg/Kg	11/05/25 08:40	11/05/25 12:54	7471B	M7471B
7439-98-7	Molybdenum	85.1		1	0.71	8.73	mg/Kg	10/30/25 10:30	12/10/25 22:17	6010D	SW3050
7440-02-0	Nickel	63.0		1	0.11	1.75	mg/Kg	10/30/25 10:30	12/10/25 22:17	6010D	SW3050
7440-09-7	Potassium	8640		1	24.2	87.3	mg/Kg	10/30/25 10:30	12/10/25 22:17	6010D	SW3050
7782-49-2	Selenium	207		1	0.23	0.87	mg/Kg	10/30/25 10:30	12/10/25 22:17	6010D	SW3050
7440-22-4	Silver	60.2		1	0.11	0.44	mg/Kg	10/30/25 10:30	12/10/25 22:17	6010D	SW3050
7440-23-5	Sodium	9690		1	15.5	87.3	mg/Kg	10/30/25 10:30	12/10/25 22:17	6010D	SW3050
7440-24-6	Strontium	52.0		1	0.22	8.73	mg/Kg	10/30/25 10:30	12/10/25 22:17	6010D	SW3050
7440-28-0	Thallium	105		1	0.20	1.75	mg/Kg	10/30/25 10:30	12/10/25 22:17	6010D	SW3050
7440-31-5	Tin	137		1	0.23	1.75	mg/Kg	10/30/25 10:30	12/10/25 22:17	6010D	SW3050
7440-32-6	Titanium	88.3		1	0.27	1.75	mg/Kg	10/30/25 10:30	12/10/25 22:17	6010D	SW3050
7440-62-2	Vanadium	82.6		1	0.22	1.75	mg/Kg	10/30/25 10:30	12/10/25 22:17	6010D	SW3050
7440-66-6	Zinc	138		1	0.20	1.75	mg/Kg	10/30/25 10:30	12/10/25 22:17	6010D	SW3050

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