

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	7170		1	0.28	1.53	mg/Kg	10/30/25 10:30	11/05/25 14:06	6020B	SW3050
7440-36-0	Antimony	37.7		1	0.034	0.15	mg/Kg	10/30/25 10:30	11/05/25 14:06	6020B	SW3050
7440-38-2	Arsenic	125	D	5	0.046	0.38	mg/Kg	10/30/25 10:30	11/05/25 14:12	6020B	SW3050
7440-39-3	Barium	376		1	0.025	0.76	mg/Kg	10/30/25 10:30	11/05/25 14:06	6020B	SW3050
7440-41-7	Beryllium	67.7	D	5	0.12	0.38	mg/Kg	10/30/25 10:30	11/05/25 14:12	6020B	SW3050
7440-43-9	Cadmium	139	D	5	0.069	0.38	mg/Kg	10/30/25 10:30	11/05/25 14:12	6020B	SW3050
7440-70-2	Calcium	11200		1	3.66	38.2	mg/Kg	10/30/25 10:30	11/05/25 14:06	6020B	SW3050
7440-47-3	Chromium	160	D	5	0.099	0.76	mg/Kg	10/30/25 10:30	11/05/25 14:12	6020B	SW3050
7440-48-4	Cobalt	295	D	5	0.034	0.38	mg/Kg	10/30/25 10:30	11/05/25 14:12	6020B	SW3050
7440-50-8	Copper	222		1	0.050	0.15	mg/Kg	10/30/25 10:30	11/05/25 14:06	6020B	SW3050
7439-89-6	Iron	11400		1	0.70	3.82	mg/Kg	10/30/25 10:30	11/05/25 14:06	6020B	SW3050
7439-92-1	Lead	143		1	0.024	0.076	mg/Kg	10/30/25 10:30	11/05/25 14:06	6020B	SW3050
7439-95-4	Magnesium	7880		1	1.47	38.2	mg/Kg	10/30/25 10:30	11/05/25 14:06	6020B	SW3050
7439-96-5	Manganese	175		1	0.026	0.076	mg/Kg	10/30/25 10:30	11/05/25 14:06	6020B	SW3050
7439-98-7	Molybdenum	91.9		1	0.060	0.38	mg/Kg	10/30/25 10:30	11/05/25 14:06	6020B	SW3050
7440-02-0	Nickel	65.7		1	0.033	0.076	mg/Kg	10/30/25 10:30	11/05/25 14:06	6020B	SW3050
7440-09-7	Potassium	9620		1	2.93	38.2	mg/Kg	10/30/25 10:30	11/05/25 14:06	6020B	SW3050
7782-49-2	Selenium	278	D	5	1.07	1.91	mg/Kg	10/30/25 10:30	11/05/25 14:12	6020B	SW3050
7440-22-4	Silver	81.4	D	5	0.099	0.38	mg/Kg	10/30/25 10:30	11/05/25 14:12	6020B	SW3050
7440-23-5	Sodium	11500		1	5.36	38.2	mg/Kg	10/30/25 10:30	11/05/25 14:06	6020B	SW3050
7440-24-6	Strontium	64.2		1	0.040	0.076	mg/Kg	10/30/25 10:30	11/05/25 14:06	6020B	SW3050
7440-28-0	Thallium	128	D	5	0.053	0.38	mg/Kg	10/30/25 10:30	11/05/25 14:12	6020B	SW3050
7440-31-5	Tin	143	D	5	0.12	1.91	mg/Kg	10/30/25 10:30	11/05/25 14:12	6020B	SW3050
7440-62-2	Vanadium	110	D	5	0.042	1.91	mg/Kg	10/30/25 10:30	11/05/25 14:12	6020B	SW3050
7440-66-6	Zinc	149		1	0.069	0.38	mg/Kg	10/30/25 10:30	11/05/25 14:06	6020B	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