

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark	Date Collected:	04/21/25
Project:	NJ Soil PT	Date Received:	04/24/25
Client Sample ID:	HW0425-PT-MET-SOIL	SDG No.:	Q1872
Lab Sample ID:	Q1872-10	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	13500	D	5	1.57	8.70	mg/Kg	05/22/25 08:10	05/23/25 15:19	6020B	SW3050
7440-36-0	Antimony	112	D	5	0.20	0.87	mg/Kg	05/22/25 08:10	05/23/25 15:19	6020B	SW3050
7440-38-2	Arsenic	172	D	5	0.052	0.44	mg/Kg	05/22/25 08:10	05/23/25 15:19	6020B	SW3050
7440-39-3	Barium	737	D	5	0.14	4.35	mg/Kg	05/22/25 08:10	05/23/25 15:19	6020B	SW3050
7440-41-7	Beryllium	118	D	5	0.14	0.44	mg/Kg	05/22/25 08:10	05/23/25 15:19	6020B	SW3050
7440-43-9	Cadmium	260	D	5	0.078	0.44	mg/Kg	05/22/25 08:10	05/23/25 15:19	6020B	SW3050
7440-70-2	Calcium	15200		1	4.17	43.5	mg/Kg	05/22/25 08:10	05/23/25 15:13	6020B	SW3050
7440-47-3	Chromium	230	D	5	0.11	0.87	mg/Kg	05/22/25 08:10	05/23/25 15:19	6020B	SW3050
7440-48-4	Cobalt	66.1		1	0.0080	0.087	mg/Kg	05/22/25 08:10	05/23/25 15:13	6020B	SW3050
7440-50-8	Copper	260		1	0.057	0.17	mg/Kg	05/22/25 08:10	05/23/25 15:13	6020B	SW3050
7439-89-6	Iron	10400		1	0.80	4.35	mg/Kg	05/22/25 08:10	05/23/25 15:13	6020B	SW3050
7439-92-1	Lead	114		1	0.028	0.087	mg/Kg	05/22/25 08:10	05/23/25 15:13	6020B	SW3050
7439-95-4	Magnesium	15000		1	1.68	43.5	mg/Kg	05/22/25 08:10	05/23/25 15:13	6020B	SW3050
7439-96-5	Manganese	1240	D	5	0.15	0.44	mg/Kg	05/22/25 08:10	05/23/25 15:19	6020B	SW3050
7439-98-7	Molybdenum	28.6	D	5	0.34	2.17	mg/Kg	05/22/25 08:10	05/23/25 15:19	6020B	SW3050
7440-02-0	Nickel	230	D	5	0.19	0.44	mg/Kg	05/22/25 08:10	05/23/25 15:19	6020B	SW3050
7440-09-7	Potassium	9070		1	3.34	43.5	mg/Kg	05/22/25 08:10	05/23/25 15:13	6020B	SW3050
7782-49-2	Selenium	140	D	5	1.22	2.17	mg/Kg	05/22/25 08:10	05/23/25 15:19	6020B	SW3050
7440-22-4	Silver	24.9		1	0.023	0.087	mg/Kg	05/22/25 08:10	05/23/25 15:13	6020B	SW3050
7440-23-5	Sodium	1860		1	6.10	43.5	mg/Kg	05/22/25 08:10	05/23/25 15:13	6020B	SW3050
7440-24-6	Strontium	262	D	5	0.23	0.44	mg/Kg	05/22/25 08:10	05/23/25 15:19	6020B	SW3050
7440-28-0	Thallium	247	D	5	0.061	0.44	mg/Kg	05/22/25 08:10	05/23/25 15:19	6020B	SW3050
7440-31-5	Tin	109	D	5	0.14	2.17	mg/Kg	05/22/25 08:10	05/23/25 15:19	6020B	SW3050
7440-62-2	Vanadium	113	D	5	0.048	2.17	mg/Kg	05/22/25 08:10	05/23/25 15:19	6020B	SW3050
7440-66-6	Zinc	384		1	0.078	0.44	mg/Kg	05/22/25 08:10	05/23/25 15:13	6020B	SW3050

Color Before:	Lght Grey	Clarity Before:	Texture:	Fine
Color After:	Light Yello	Clarity After:	Artifacts:	No
Comments:	Metals Group3			

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