284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark	Date Collected:	10/27/25
Project:	NJ Soil PT	Date Received:	10/29/25
Client Sample ID:	HW1025-PT-BNA-SOIL	SDG No.:	Q3483
Lab Sample ID:	Q3483-11	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	100
Sample Wt/Vol:	29.85 g Final Vol: 1000 uL	Test:	SVOCMS Group1
Prep Method :	SW3541 Prep Date: 11/18/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
62-75-9	n-Nitrosodimethylamine	33.7	U	1	33.7	330	ug/Kg	11/26/25 15:48	PB170598
110-86-1	Pyridine	39.4	U	1	39.4	170	ug/Kg	11/26/25 15:48	PB170598
100-52-7	Benzaldehyde	160	U	1	160	330	ug/Kg	11/26/25 15:48	PB170598
62-53-3	Aniline	49.9	U	1	49.9	170	ug/Kg	11/26/25 15:48	PB170598
108-95-2	Phenol	1100		1	22.2	170	ug/Kg	11/26/25 15:48	PB170598
111-44-4	bis(2-Chloroethyl)ether	5300	E	1	24.4	170	ug/Kg	11/26/25 15:48	PB170598
95-57-8	2-Chlorophenol	24.5	U	1	24.5	170	ug/Kg	11/26/25 15:48	PB170598
95-50-1	1,2-Dichlorobenzene	2000		1	19.5	170	ug/Kg	11/26/25 15:48	PB170598
541-73-1	1,3-Dichlorobenzene	4700	E	1	17.8	170	ug/Kg	11/26/25 15:48	PB170598
106-46-7	1,4-Dichlorobenzene	3300	E	1	18.4	170	ug/Kg	11/26/25 15:48	PB170598
100-51-6	Benzyl Alcohol	48.7	U	1	48.7	330	ug/Kg	11/26/25 15:48	PB170598
95-48-7	2-Methylphenol	30.1	U	1	30.1	170	ug/Kg	11/26/25 15:48	PB170598
108-60-1	2,2-oxybis(1-Chloropropane)	37.7	U	1	37.7	170	ug/Kg	11/26/25 15:48	PB170598
98-86-2	Acetophenone	29.6	U	1	29.6	170	ug/Kg	11/26/25 15:48	PB170598
65794-96-9	3+4-Methylphenols	41.3	U	1	41.3	330	ug/Kg	11/26/25 15:48	PB170598
621-64-7	n-Nitroso-di-n-propylamine	5400	E	1	47.6	80.4	ug/Kg	11/26/25 15:48	PB170598
67-72-1	Hexachloroethane	1800		1	17.7	170	ug/Kg	11/26/25 15:48	PB170598
98-95-3	Nitrobenzene	18.4	U	1	18.4	170	ug/Kg	11/26/25 15:48	PB170598
78-59-1	Isophorone	1900		1	33.0	170	ug/Kg	11/26/25 15:48	PB170598
88-75-5	2-Nitrophenol	58.5	U	1	58.5	170	ug/Kg	11/26/25 15:48	PB170598
105-67-9	2,4-Dimethylphenol	65.1	U	1	65.1	170	ug/Kg	11/26/25 15:48	PB170598
111-91-1	bis(2-Chloroethoxy)methane	31.0	U	1	31.0	170	ug/Kg	11/26/25 15:48	PB170598
120-83-2	2,4-Dichlorophenol	28.4	U	1	28.4	170	ug/Kg	11/26/25 15:48	PB170598
120-82-1	1,2,4-Trichlorobenzene	4300	E	1	22.7	170	ug/Kg	11/26/25 15:48	PB170598
65-85-0	Benzoic acid	190	U	1	190	330	ug/Kg	11/26/25 15:48	PB170598
91-20-3	Naphthalene	3800	E	1	22.8	170	ug/Kg	11/26/25 15:48	PB170598
106-47-8	4-Chloroaniline	35.6	U	1	35.6	170	ug/Kg	11/26/25 15:48	PB170598
87-68-3	Hexachlorobutadiene	4900	E	1	25.4	170	ug/Kg	11/26/25 15:48	PB170598
105-60-2	Caprolactam	52.4	U	1	52.4	330	ug/Kg	11/26/25 15:48	PB170598
59-50-7	4-Chloro-3-methylphenol	2700		1	28.8	170	ug/Kg	11/26/25 15:48	PB170598
91-57-6	2-Methylnaphthalene	4500	E	1	25.7	170	ug/Kg	11/26/25 15:48	PB170598
77-47-4	Hexachlorocyclopentadiene	120	U	1	120	330	ug/Kg	11/26/25 15:48	PB170598
88-06-2	2,4,6-Trichlorophenol	4500	E	1	19.9	170	ug/Kg	11/26/25 15:48	PB170598
95-95-4	2,4,5-Trichlorophenol	4700	E	1	29.2	170	ug/Kg	11/26/25 15:48	PB170598
92-52-4	1,1-Biphenyl	21.9	U	1	21.9	170	ug/Kg	11/26/25 15:48	PB170598
91-58-7	2-Chloronaphthalene	22.6	U	1	22.6	170	ug/Kg	11/26/25 15:48	PB170598
88-74-4	2-Nitroaniline	48.3	U	1	48.3	170	ug/Kg	11/26/25 15:48	PB170598
131-11-3	Dimethylphthalate	4500	E	1	27.2	170	ug/Kg	11/26/25 15:48	PB170598
208-96-8	Acenaphthylene	2300		1	29.0	170	ug/Kg	11/26/25 15:48	PB170598
606-20-2	2,6-Dinitrotoluene	33.8	U	1	33.8	170	ug/Kg	11/26/25 15:48	PB170598
99-09-2	3-Nitroaniline	46.2	U	1	46.2	170	ug/Kg	11/26/25 15:48	PB170598
83-32-9	Acenaphthene	3400	E	1	21.4	170	ug/Kg	11/26/25 15:48	PB170598

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Project:	NJ Soil PT	Date Received:	10/29/25
Client Sample ID:	HW1025-PT-BNA-SOIL	SDG No.:	Q3483
Lab Sample ID:	Q3483-11	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	100
Sample Wt/Vol:	29.85 g Final Vol: 1000 uL	Test:	SVOCMS Group1
Prep Method :	SW3541 Prep Date: 11/18/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
51-28-5	2,4-Dinitrophenol	230	U	1	230	330	ug/Kg	11/26/25 15:48	PB170598
100-02-7	4-Nitrophenol	3600	E	1	110	330	ug/Kg	11/26/25 15:48	PB170598
132-64-9	Dibenzofuran	3100	E	1	22.8	170	ug/Kg	11/26/25 15:48	PB170598
121-14-2	2,4-Dinitrotoluene	3100	E	1	50.4	170	ug/Kg	11/26/25 15:48	PB170598
84-66-2	Diethylphthalate	5300	E	1	28.4	170	ug/Kg	11/26/25 15:48	PB170598
7005-72-3	4-Chlorophenyl-phenylether	26.8	U	1	26.8	170	ug/Kg	11/26/25 15:48	PB170598
86-73-7	Fluorene	5000	E	1	25.4	170	ug/Kg	11/26/25 15:48	PB170598
100-01-6	4-Nitroaniline	64.5	U	1	64.5	170	ug/Kg	11/26/25 15:48	PB170598
534-52-1	4,6-Dinitro-2-methylphenol	100	U	1	100	330	ug/Kg	11/26/25 15:48	PB170598
86-30-6	n-Nitrosodiphenylamine	33.1	U	1	33.1	170	ug/Kg	11/26/25 15:48	PB170598
103-33-3	Azobenzene	29.3	U	1	29.3	170	ug/Kg	11/26/25 15:48	PB170598
101-55-3	4-Bromophenyl-phenylether	27.9	U	1	27.9	170	ug/Kg	11/26/25 15:48	PB170598
118-74-1	Hexachlorobenzene	3800	E	1	25.4	170	ug/Kg	11/26/25 15:48	PB170598
1912-24-9	Atrazine	34.2	U	1	34.2	170	ug/Kg	11/26/25 15:48	PB170598
87-86-5	Pentachlorophenol	3900	E	1	51.6	330	ug/Kg	11/26/25 15:48	PB170598
85-01-8	Phenanthrene	21.0	U	1	21.0	170	ug/Kg	11/26/25 15:48	PB170598
120-12-7	Anthracene	2400		1	33.5	170	ug/Kg	11/26/25 15:48	PB170598
86-74-8	Carbazole	1400		1	31.4	170	ug/Kg	11/26/25 15:48	PB170598
84-74-2	Di-n-butylphthalate	48.1	U	1	48.1	170	ug/Kg	11/26/25 15:48	PB170598
206-44-0	Fluoranthene	30.2	U	1	30.2	170	ug/Kg	11/26/25 15:48	PB170598
92-87-5	Benzidine	150	U	1	150	330	ug/Kg	11/26/25 15:48	PB170598
129-00-0	Pyrene	36.2	U	1	36.2	170	ug/Kg	11/26/25 15:48	PB170598
85-68-7	Butylbenzylphthalate	2700	E	1	71.8	170	ug/Kg	11/26/25 15:48	PB170598
91-94-1	3,3-Dichlorobenzidine	36.9	U	1	36.9	330	ug/Kg	11/26/25 15:48	PB170598
56-55-3	Benzo(a)anthracene	2900	E	1	23.1	170	ug/Kg	11/26/25 15:48	PB170598
218-01-9	Chrysene	1400		1	20.0	170	ug/Kg	11/26/25 15:48	PB170598
117-81-7	Bis(2-ethylhexyl)phthalate	59.5	U	1	59.5	170	ug/Kg	11/26/25 15:48	PB170598
117-84-0	Di-n-octyl phthalate	4700	E	1	87.2	330	ug/Kg	11/26/25 15:48	PB170598
205-99-2	Benzo(b)fluoranthene	1700		1	19.1	170	ug/Kg	11/26/25 15:48	PB170598
207-08-9	Benzo(k)fluoranthene	3300	E	1	22.5	170	ug/Kg	11/26/25 15:48	PB170598
50-32-8	Benzo(a)pyrene	3200	E	1	29.6	170	ug/Kg	11/26/25 15:48	PB170598
193-39-5	Indeno(1,2,3-cd)pyrene	29.2	U	1	29.2	170	ug/Kg	11/26/25 15:48	PB170598
53-70-3	Dibenzo(a,h)anthracene	27.5	U	1	27.5	170	ug/Kg	11/26/25 15:48	PB170598
191-24-2	Benzo(g,h,i)perylene	25.8	U	1	25.8	170	ug/Kg	11/26/25 15:48	PB170598
95-94-3	1,2,4,5-Tetrachlorobenzene	25.7	U	1	25.7	170	ug/Kg	11/26/25 15:48	PB170598
123-91-1	1,4-Dioxane	45.4	U	1	45.4	170	ug/Kg	11/26/25 15:48	PB170598
58-90-2	2,3,4,6-Tetrachlorophenol	3700	E	1	27.5	170	ug/Kg	11/26/25 15:48	PB170598
90-12-0	1-Methylnaphthalene	25.9	U	1	25.9	170	ug/Kg	11/26/25 15:48	PB170598
SURROGATES									
367-12-4	2-Fluorophenol	82.0			10 - 105	55%	SPK: 150		
13127-88-3	Phenol-d6	86.4			10 - 103	58%	SPK: 150		
4165-60-0	Nitrobenzene-d5	57.2			10 - 108	57%	SPK: 100		
321-60-8	2-Fluorobiphenyl	68.2			10 - 108	68%	SPK: 100		

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Project:	NJ Soil PT	Date Received:	10/29/25
Client Sample ID:	HW1025-PT-BNA-SOIL	SDG No.:	Q3483
Lab Sample ID:	Q3483-11	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	100
Sample Wt/Vol:	29.85 g Final Vol: 1000 uL	Test:	SVOCMS Group1
Prep Method :	SW3541 Prep Date: 11/18/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
118-79-6	2,4,6-Tribromophenol	128			10 - 116	85%	SPK: 150		
1718-51-0	Terphenyl-d14	87.7			10 - 109	88%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	262000							
1146-65-2	Naphthalene-d8	1070000							
15067-26-2	Acenaphthene-d10	680000							
1517-22-2	Phenanthrene-d10	1380000							
1719-03-5	Chrysene-d12	1440000							
1520-96-3	Perylene-d12	1660000							

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products