

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-PEST-SOIL		SDG No.:	Q3483
Lab Sample ID:	Q3483-20		Matrix:	SOIL
Analytical Method:	8081B		% Solid:	100
Sample Wt/Vol:	29.98 g	Final Vol: 10000 uL	Test:	PESTICIDE Group1
Prep Method:	SW3541B	Prep Date: 11/19/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	154	E	1	0.13	1.70	ug/kg	11/19/25 14:34	PB170628
319-85-7	beta-BHC	43.3	E	1	0.18	1.70	ug/kg	11/19/25 14:34	PB170628
319-86-8	delta-BHC	233	EP	1	0.39	1.70	ug/kg	11/19/25 14:34	PB170628
58-89-9	gamma-BHC (Lindane)	286	EP	1	0.14	1.70	ug/kg	11/19/25 14:34	PB170628
76-44-8	Heptachlor	131	EP	1	0.12	1.70	ug/kg	11/19/25 14:34	PB170628
309-00-2	Aldrin	292	EP	1	0.12	1.70	ug/kg	11/19/25 14:34	PB170628
1024-57-3	Heptachlor epoxide	62.2	E	1	0.19	1.70	ug/kg	11/19/25 14:34	PB170628
959-98-8	Endosulfan I	36.6	E	1	0.14	1.70	ug/kg	11/19/25 14:34	PB170628
60-57-1	Dieldrin	109	E	1	0.14	1.70	ug/kg	11/19/25 14:34	PB170628
72-55-9	4,4-DDE	198	E	1	0.14	1.70	ug/kg	11/19/25 14:34	PB170628
72-20-8	Endrin	152	EP	1	0.14	1.70	ug/kg	11/19/25 14:34	PB170628
33213-65-9	Endosulfan II	72.2	E	1	0.29	1.70	ug/kg	11/19/25 14:34	PB170628
72-54-8	4,4-DDD	291	EP	1	0.15	1.70	ug/kg	11/19/25 14:34	PB170628
1031-07-8	Endosulfan Sulfate	190	EP	1	0.13	1.70	ug/kg	11/19/25 14:34	PB170628
50-29-3	4,4-DDT	115	E	1	0.14	1.70	ug/kg	11/19/25 14:34	PB170628
72-43-5	Methoxychlor	47.9	E	1	0.37	1.70	ug/kg	11/19/25 14:34	PB170628
53494-70-5	Endrin ketone	245	EP	1	0.19	1.70	ug/kg	11/19/25 14:34	PB170628
7421-93-4	Endrin aldehyde	149	E	1	0.37	1.70	ug/kg	11/19/25 14:34	PB170628
5103-71-9	alpha-Chlordane	169	E	1	0.12	1.70	ug/kg	11/19/25 14:34	PB170628
5103-74-2	gamma-Chlordane	297	EP	1	0.15	1.70	ug/kg	11/19/25 14:34	PB170628
2385-85-5	Mirex	0.17	U	1	0.17	1.70	ug/kg	11/19/25 14:34	PB170628
SURROGATES									
2051-24-3	Decachlorobiphenyl	24.1			10 - 143	121%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	21.3			10 - 131	106%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

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

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit