

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark		Date Collected:	11/17/25
Project:	NJ Soil PT		Date Received:	11/18/25
Client Sample ID:	B3-0.0-1.0-20251117MS		SDG No.:	Q3483
Lab Sample ID:	Q3662-02MS		Matrix:	SOIL
Analytical Method:	8081B		% Solid:	84.7
Sample Wt/Vol:	30.05 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	16.7		1	0.15	2.00	ug/kg	11/19/25 16:37	PB170628
319-85-7	beta-BHC	17.7		1	0.21	2.00	ug/kg	11/19/25 16:37	PB170628
319-86-8	delta-BHC	14.0		1	0.46	2.00	ug/kg	11/19/25 16:37	PB170628
58-89-9	gamma-BHC (Lindane)	15.8		1	0.17	2.00	ug/kg	11/19/25 16:37	PB170628
76-44-8	Heptachlor	9.80		1	0.14	2.00	ug/kg	11/19/25 16:37	PB170628
309-00-2	Aldrin	17.9		1	0.14	2.00	ug/kg	11/19/25 16:37	PB170628
1024-57-3	Heptachlor epoxide	17.4		1	0.22	2.00	ug/kg	11/19/25 16:37	PB170628
959-98-8	Endosulfan I	15.2		1	0.17	2.00	ug/kg	11/19/25 16:37	PB170628
60-57-1	Dieldrin	17.8		1	0.17	2.00	ug/kg	11/19/25 16:37	PB170628
72-55-9	4,4-DDE	18.1		1	0.17	2.00	ug/kg	11/19/25 16:37	PB170628
72-20-8	Endrin	17.4		1	0.17	2.00	ug/kg	11/19/25 16:37	PB170628
33213-65-9	Endosulfan II	15.2		1	0.34	2.00	ug/kg	11/19/25 16:37	PB170628
72-54-8	4,4-DDD	14.4		1	0.18	2.00	ug/kg	11/19/25 16:37	PB170628
1031-07-8	Endosulfan Sulfate	11.8		1	0.15	2.00	ug/kg	11/19/25 16:37	PB170628
50-29-3	4,4-DDT	9.10		1	0.17	2.00	ug/kg	11/19/25 16:37	PB170628
72-43-5	Methoxychlor	8.20		1	0.44	2.00	ug/kg	11/19/25 16:37	PB170628
53494-70-5	Endrin ketone	9.40		1	0.22	2.00	ug/kg	11/19/25 16:37	PB170628
7421-93-4	Endrin aldehyde	6.40		1	0.44	2.00	ug/kg	11/19/25 16:37	PB170628
5103-71-9	alpha-Chlordane	18.1		1	0.14	2.00	ug/kg	11/19/25 16:37	PB170628
5103-74-2	gamma-Chlordane	20.5		1	0.18	2.00	ug/kg	11/19/25 16:37	PB170628
2385-85-5	Mirex	15.8		1	0.20	2.00	ug/kg	11/19/25 16:37	PB170628
SURROGATES									
2051-24-3	Decachlorobiphenyl	11.0			10 - 143	55%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	14.7			10 - 131	74%	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