

Report of Analysis

Client: Alliance Technical Group, LLC - Newark
Project: NJ Soil PT
Client Sample ID: PB170628BS
Lab Sample ID: PB170628BS
Analytical Method: 8081B
Sample Wt/Vol: 30.01 g Final Vol: 10000 uL
Prep Method: SW3541B Prep Date: 11/19/25

Date Collected:
Date Received:
SDG No.: Q3483
Matrix: SOIL
% Solid: 100
Test: PESTICIDE Group1

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	16.5		1	0.13	1.70	ug/kg	12/01/25 12:10	PB170628
319-85-7	beta-BHC	16.2		1	0.18	1.70	ug/kg	12/01/25 12:10	PB170628
319-86-8	delta-BHC	16.0		1	0.39	1.70	ug/kg	12/01/25 12:10	PB170628
58-89-9	gamma-BHC (Lindane)	16.4		1	0.14	1.70	ug/kg	12/01/25 12:10	PB170628
76-44-8	Heptachlor	15.1		1	0.12	1.70	ug/kg	12/01/25 12:10	PB170628
309-00-2	Aldrin	16.6		1	0.12	1.70	ug/kg	12/01/25 12:10	PB170628
1024-57-3	Heptachlor epoxide	16.5		1	0.19	1.70	ug/kg	12/01/25 12:10	PB170628
959-98-8	Endosulfan I	16.6		1	0.14	1.70	ug/kg	12/01/25 12:10	PB170628
60-57-1	Dieldrin	16.3		1	0.14	1.70	ug/kg	12/01/25 12:10	PB170628
72-55-9	4,4-DDE	16.4		1	0.14	1.70	ug/kg	12/01/25 12:10	PB170628
72-20-8	Endrin	14.4		1	0.14	1.70	ug/kg	12/01/25 12:10	PB170628
33213-65-9	Endosulfan II	16.4		1	0.29	1.70	ug/kg	12/01/25 12:10	PB170628
72-54-8	4,4-DDD	15.6		1	0.15	1.70	ug/kg	12/01/25 12:10	PB170628
1031-07-8	Endosulfan Sulfate	16.2		1	0.13	1.70	ug/kg	12/01/25 12:10	PB170628
50-29-3	4,4-DDT	15.7		1	0.14	1.70	ug/kg	12/01/25 12:10	PB170628
72-43-5	Methoxychlor	13.3		1	0.37	1.70	ug/kg	12/01/25 12:10	PB170628
53494-70-5	Endrin ketone	16.5		1	0.19	1.70	ug/kg	12/01/25 12:10	PB170628
7421-93-4	Endrin aldehyde	16.5		1	0.37	1.70	ug/kg	12/01/25 12:10	PB170628
5103-71-9	alpha-Chlordane	16.6		1	0.12	1.70	ug/kg	12/01/25 12:10	PB170628
5103-74-2	gamma-Chlordane	16.8		1	0.15	1.70	ug/kg	12/01/25 12:10	PB170628
2385-85-5	Mirex	15.2		1	0.17	1.70	ug/kg	12/01/25 12:10	PB170628
SURROGATES									
2051-24-3	Decachlorobiphenyl	19.1			10 - 143	95%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	20.2			10 - 131	101%	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