

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark		Date Collected:	05/20/25	
Project:	NJ Soil PT		Date Received:	05/22/25	
Client Sample ID:	TP-02-MHFMS		SDG No.:	Q1872	
Lab Sample ID:	Q2109-01MS		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	87.3	Decanted:
Sample Wt/Vol:	30.06	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PESTICIDE Group1	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL095789.D	1	05/23/25 09:19	05/27/25 11:58	PB168151

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	15.7	P	0.15	1.90	ug/kg
319-85-7	beta-BHC	16.5		0.21	1.90	ug/kg
319-86-8	delta-BHC	15.7		0.45	1.90	ug/kg
58-89-9	gamma-BHC (Lindane)	16.0		0.16	1.90	ug/kg
76-44-8	Heptachlor	14.9		0.14	1.90	ug/kg
309-00-2	Aldrin	15.4		0.14	1.90	ug/kg
1024-57-3	Heptachlor epoxide	15.4		0.22	1.90	ug/kg
959-98-8	Endosulfan I	16.2		0.16	1.90	ug/kg
60-57-1	Dieldrin	14.5		0.16	1.90	ug/kg
72-55-9	4,4-DDE	13.6		0.16	1.90	ug/kg
72-20-8	Endrin	13.6		0.16	1.90	ug/kg
33213-65-9	Endosulfan II	13.8		0.33	1.90	ug/kg
72-54-8	4,4-DDD	14.4		0.17	1.90	ug/kg
1031-07-8	Endosulfan Sulfate	14.1		0.15	1.90	ug/kg
50-29-3	4,4-DDT	13.6		0.16	1.90	ug/kg
72-43-5	Methoxychlor	12.8		0.42	1.90	ug/kg
53494-70-5	Endrin ketone	14.3		0.22	1.90	ug/kg
7421-93-4	Endrin aldehyde	14.4		0.42	1.90	ug/kg
5103-71-9	alpha-Chlordane	15.3		0.14	1.90	ug/kg
5103-74-2	gamma-Chlordane	15.6		0.17	1.90	ug/kg
2385-85-5	Mirex	14.8		0.19	1.90	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	15.4		20 - 144	77%	SPK: 20
877-09-8	Tetrachloro-m-xylene	12.4		19 - 148	62%	SPK: 20

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Comments:

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