

Report of Analysis

Client:	Chemtech Consulting Group		Date Collected:	10/21/24	
Project:	NJ Soil PT		Date Received:	10/23/24	
Client Sample ID:	PT-PEST-SOILDL2		SDG No.:	P4495	
Lab Sample ID:	P4495-20DL2		Matrix:	SOIL	
Analytical Method:	SW8081		% Solid:	100	Decanted:
Sample Wt/Vol:	30.16	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
PL092820.D	20	10/25/24 09:40	11/04/24 11:39	PB164398

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	217	D	3.60	33.8	ug/kg
319-85-7	beta-BHC	305	D	9.70	33.8	ug/kg
319-86-8	delta-BHC	291	D	9.40	33.8	ug/kg
58-89-9	gamma-BHC (Lindane)	132	D	3.80	33.8	ug/kg
76-44-8	Heptachlor	317	D	3.40	33.8	ug/kg
309-00-2	Aldrin	96.0	D	2.80	33.8	ug/kg
1024-57-3	Heptachlor epoxide	99.5	D	4.60	33.8	ug/kg
959-98-8	Endosulfan I	44.9	D	3.40	33.8	ug/kg
60-57-1	Dieldrin	362	D	3.00	33.8	ug/kg
72-55-9	4,4-DDE	351	D	2.60	33.8	ug/kg
72-20-8	Endrin	44.8	D	3.20	33.8	ug/kg
33213-65-9	Endosulfan II	165	D	6.00	33.8	ug/kg
72-54-8	4,4-DDD	215	D	3.80	33.8	ug/kg
1031-07-8	Endosulfan Sulfate	63.5	D	2.60	33.8	ug/kg
50-29-3	4,4-DDT	98.8	D	3.40	33.8	ug/kg
72-43-5	Methoxychlor	48.5	D	7.60	33.8	ug/kg
53494-70-5	Endrin ketone	194	D	4.40	33.8	ug/kg
7421-93-4	Endrin aldehyde	31.9	JD	7.80	33.8	ug/kg
5103-71-9	alpha-Chlordane	84.2	D	3.40	33.8	ug/kg
5103-74-2	gamma-Chlordane	247	D	3.80	33.8	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	21.2		10 - 148	106%	SPK: 20
877-09-8	Tetrachloro-m-xylene	27.2		10 - 159	136%	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