

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark		Date Collected:	08/18/25	
Project:	LOD-LOQ-MDL Study		Date Received:	08/18/25	
Client Sample ID:	LOD-MDL-WATER-01-QT3-2025		SDG No.:	Q2893	
Lab Sample ID:	Q2893-07		Matrix:	WATER	
Analytical Method:	8081B		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097295.D	1	09/03/25 09:32	09/19/25 11:58	PB169531

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
319-84-6	alpha-BHC	0.0084	J	0.0039	0.050	ug/L
319-85-7	beta-BHC	0.012	J	0.0049	0.050	ug/L
319-86-8	delta-BHC	0.016	J	0.011	0.050	ug/L
58-89-9	gamma-BHC (Lindane)	0.0085	J	0.0037	0.050	ug/L
76-44-8	Heptachlor	0.011	J	0.0027	0.050	ug/L
309-00-2	Aldrin	0.0093	J	0.0036	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0098	J	0.0096	0.050	ug/L
959-98-8	Endosulfan I	0.0097	J	0.0031	0.050	ug/L
60-57-1	Dieldrin	0.0090	J	0.0036	0.050	ug/L
72-55-9	4,4-DDE	0.0087	J	0.0037	0.050	ug/L
72-20-8	Endrin	0.013	J	0.0032	0.050	ug/L
33213-65-9	Endosulfan II	0.012	J	0.0079	0.050	ug/L
72-54-8	4,4-DDD	0.012	J	0.0071	0.050	ug/L
1031-07-8	Endosulfan Sulfate	0.010	J	0.0037	0.050	ug/L
50-29-3	4,4-DDT	0.0081	J	0.0035	0.050	ug/L
72-43-5	Methoxychlor	0.050	U	0.011	0.050	ug/L
53494-70-5	Endrin ketone	0.013	J	0.0093	0.050	ug/L
7421-93-4	Endrin aldehyde	0.013	J	0.011	0.050	ug/L
5103-71-9	alpha-Chlordane	0.010	J	0.0035	0.050	ug/L
5103-74-2	gamma-Chlordane	0.0095	J	0.0039	0.050	ug/L
8001-35-2	Toxaphene	1.00	U	0.17	1.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	17.8		57 - 171	89%	SPK: 20
877-09-8	Tetrachloro-m-xylene	16.7		61 - 148	84%	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