

Report of Analysis

Client:	Chemtech Consulting Group		Date Collected:	01/23/25	
Project:	LOD-LOQ Study		Date Received:	01/23/25	
Client Sample ID:	LOD-MDL-WATER-01-QT1-2025		SDG No.:	Q1168	
Lab Sample ID:	Q1168-07		Matrix:	WATER	
Analytical Method:	SW8151A		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Herbicide	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS029066.D	1	02/03/25 09:00	02/04/25 16:35	PB166485

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
1918-00-9	DICAMBA	1.30	J	0.42	2.00	ug/L
120-36-5	DICHLORPROP	1.50	J	0.43	2.00	ug/L
94-75-7	2,4-D	1.60	J	0.49	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	1.50	J	0.45	2.00	ug/L
93-76-5	2,4,5-T	1.40	J	0.50	2.00	ug/L
94-82-6	2,4-DB	1.30	J	0.57	2.00	ug/L
88-85-7	DINOSEB	1.20	J	0.55	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	514		39 - 175	103%	SPK: 500

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