

## 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-SOIL-01-QT1-2025		SDG No.:	Q1168	
Lab Sample ID:	Q1168-01		Matrix:	SOIL	
Analytical Method:	SW8151A		% Solid:	100	Decanted:
Sample Wt/Vol:	30.02	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Herbicide	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	8151A				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS028967.D	1	01/27/25 10:05	01/28/25 15:26	PB166285

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
<b>TARGETS</b>						
1918-00-9	DICAMBA	31.8	J	8.70	67.0	ug/Kg
120-36-5	DICHLORPROP	37.8	J	9.50	67.0	ug/Kg
94-75-7	2,4-D	39.0	J	12.1	67.0	ug/Kg
93-72-1	2,4,5-TP (Silvex)	36.9	J	9.40	67.0	ug/Kg
93-76-5	2,4,5-T	33.7	J	10.1	67.0	ug/Kg
94-82-6	2,4-DB	31.9	J	18.3	67.0	ug/Kg
88-85-7	DINOSEB	31.6	J	12.4	67.0	ug/Kg
<b>SURROGATES</b>						
19719-28-9	2,4-DCAA	517		10 - 141	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