



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	01/19/24		
Project:	LOD-LOQ Study	Date Received:	01/19/24		
Client Sample ID:	LOD-MDL-SOIL-01-QT1-2024	SDG No.:	P1187		
Lab Sample ID:	P1187-01	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
PS025616.D	1	01/22/24 08:30	01/23/24 00:47	PB158539

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	41.4	J	8.90	67.0	ug/Kg
120-36-5	DICHLORPROP	51.4	J	10.0	67.0	ug/Kg
94-75-7	2,4-D	53.4	J	16.5	67.0	ug/Kg
93-72-1	2,4,5-TP (Silvex)	46.5	J	14.4	67.0	ug/Kg
93-76-5	2,4,5-T	42.9	J	9.70	67.0	ug/Kg
94-82-6	2,4-DB	56.3	J	12.5	67.0	ug/Kg
88-85-7	DINOSEB	47.4	J	16.2	67.0	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	496		10 - 141	99%	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