

Report of Analysis

Client: Chemtech Consulting Group Date Collected: 10/15/24 Project: LOD-LOQ Study Date Received: 10/15/24 Client Sample ID: PIBLK-PS027941.D SDG No.: P4368 Lab Sample ID: 1BLK-PS027941.D Matrix: WATER Analytical Method: SW8151A % Solid: 0 Decanted: Sample Wt/Vol: 1000 Units: mL Final Vol: 10000 uL Soil Aliquot Vol: uL uL Test: Herbicide Herbicide Extraction Type: 1.0 PH : Prep Mathod: SW3510C Prep Bate Date Analyzed Prep Batch ID PS027941.D 1 1 10/15/24 ps101524 ps101524 TMIS File ID/Qc Batch: Dilution: Prep Date Date Analyzed Prep Batch ID ps101524 PS027941.D 1 10/15/24 ps101524 tMIS MIS TARGETS Sumbler Parametr Conc. Qualifier MDL LOQ / CRQL Vinits TARGETS 1 0.00 0.43 2.00									
Client Sample ID: PIBLK-PS027941.D SDG No.: P4368 Lab Sample ID: I.BLK-PS027941.D Matrix: WATER Analytical Method: SW8151A % Solid: 0 Decanted: Sample Wt/Vol: 1000 Units: mL Final Vol: 10000 uL Soil Aliquot Vol: uL uL Test: Herbicide Extraction Type: 1.0 PH : Prep Prep Prep Method : SW3510C File ID/Qc Batch: SW3510C 10/15/24 Prep Batch ID ps101524 Viss FS027941.D 1 Conc. Qualifier MDL LOQ / CRQL Units PS027941.D 1 Conc. Qualifier MDL LOQ / CRQL Units FNGEETS 10/15/24 ps101524 Units Prep Patch ID ps101524 Units TARCETS 10/15/24 2.00 ug/L 0.43 2.00 ug/L 1918-00-9 DICAMBA 2.00 U 0.43 2.00 ug/L 1918-00-9 DICAMBA 2.00 U 0.43 <td>Client:</td> <td>Chemtech Con</td> <td>sulting Group</td> <td></td> <td></td> <td>Date Collected:</td> <td>10/15/24</td> <td></td> <td></td>	Client:	Chemtech Con	sulting Group			Date Collected:	10/15/24		
Lab Sample ID:I.BLK-PS027941.DMatrix:WATERAnalytical Method:SW8151A% Solid:0Decanted:Sample Wt/Vol:1000Units:mLFinal Vol:1000uLSoil Aliquot Vol:uLTest:HerbicideHerbicideExtraction Type:1.0PH :Injection Volume :Injection Volume :GPC Factor :1.0PH :Injection Volume :Injection Volume :Prep Method :SW3510CSW3510CInjection Volume :Injection Volume :File ID/Qc Batch:Dilution:Prep DateDate AnalyzedPrep Batch IDPS027941.D1Injection Volume :Injection Volume :Injection Volume :File ID/Qc Batch:Dilution:Prep DateDate AnalyzedPrep Batch IDPS027941.D1Injection Volume :Injection Volume :Injection Volume :FARGETSInjection Volume :Injection Volume :Injection Volume :Injection Volume :1918-00-9DICAMBA2.00U0.42QuOUg/L1918-00-9DICALOPROP2.00U0.432.00Ug/L194-75-72.4.5-TP2.00U0.452.00Ug/L94-75-72.4.5-TP (Silvex)2.00U0.452.00Ug/L93-76-52.4.5-TF2.00U0.572.00Ug/L94-82-62.4-DB2.00U0.572.00Ug/L94-85-7DINOSEB2.00U0.57	Project:	LOD-LOQ Stu	dy			Date Received:	10/15/24		
Analytical Method: SW8151A % Solid: 0 Decanted: Sample Wt/Vol: 1000 Units: mL Final Vol: 10000 uL Soil Aliquot Vol: uL Test: Herbicide Herbicide Extraction Type: 1.0 PH : Injection Volume : Injection Volume : GPC Factor : 1.0 PH : Injection Volume : Injection Volume : Injection Volume : Prep Method : SW3510C SW3510C Injection Volume : Injection Volume : Injection Volume : Injection Volume : PS027941.D 1 Conc. Qualifier MDL LOQ/CRQL Units TARGETS Injection Support 2.00 U 0.43 2.00 ug/L 1918-00-9 DICALORPROP 2.00 U 0.45 2.00 ug/L 194-75-7 2.4-D 2.00 U 0.45 2.00 ug/L 93-76-5 2.4,5-TP (Silvex) 2.00 U 0.50 2.00 ug/L 93-76-5 2.4,5-T 2.00 U 0.55 2.00 ug/L	Client Sample ID:	PIBLK-PS027	941.D			SDG No.:	P4368		
Sample Wt/Vol: 1000 Units: mL Final Vol: 10000 uL Soil Aliquot Vol: uL Test: Herbicide Extraction Type: Injection Volume : Injection Volume : Injection Volume : GPC Factor : 1.0 PH : Prep Method : SW3510C File ID/Qc Batch: Dilution: Prep Date Date Analyzed Prep Batch ID PS027941.D 1 10/15/24 ps101524 Units TARGETS Conc. Qualifier MDL LOQ / CRQL Units 1918-00-9 DICAMBA 2.00 U 0.43 2.00 ug/L 1918-00-9 DICAMBA 2.00 U 0.43 2.00 ug/L 1920-36-5 DICAMBA 2.00 U 0.43 2.00 ug/L 93-72-1 2.4,5-TP (Silvex) 2.00 U 0.45 2.00 ug/L 93-76-5 2.4,5-T 2.00 U 0.50 2.00 ug/L 93-76-5 2.4,5-T 2.00 U 0.55 2.00 ug/L 9	Lab Sample ID:	I.BLK-PS0279	41.D			Matrix:	WATER		
A uL Test: Herbicide Extraction Type: 1.0 PH : Injection Volume : Injection Volume : GPC Factor : 1.0 PH : Prep Method : SW3510C Injection Volume : Injection Volume : File ID/Qc Batch : Dilution: Prep Date Date Analyzed Prep Batch ID PS027941.D 1 10/15/24 ps101524 TARGETS 1918-00-9 DICAMBA 2.00 U 0.42 2.00 ug/L 120-36-5 DICHLORPROP 2.00 U 0.43 2.00 ug/L 94-75-7 2,4-D 2.00 U 0.45 2.00 ug/L 93-72-1 2,4,5-TP (Silvex) 2.00 U 0.55 2.00 ug/L 93-76-5 2,4,5-T 2.00 U 0.57 2.00 ug/L 94-82-6 2,4-DB 2.00 U 0.55 2.00 ug/L 84-85-7 DINOSEB 2.00 U 0.55 2.00 ug/L	Analytical Method	: SW8151A				% Solid:	0	Decanted:	
A. uL Test: Herbicide Extraction Type: 1.0 PH : Injection Volume : Injection Volume : GPC Factor : 1.0 PH : Prep Method : SW3510C Injection Volume : Injection Volume : File ID/Qc Batch : Dilution: Prep Date Date Analyzed Prep Batch ID PS027941.D 1 10/15/24 ps101524 TARGETS 1918-00-9 DICAMBA 2.00 U 0.42 2.00 ug/L 120-36-5 DICHLORPROP 2.00 U 0.43 2.00 ug/L 94-75-7 2,4-D 2.00 U 0.45 2.00 ug/L 93-72-1 2,4,5-TP (Silvex) 2.00 U 0.55 2.00 ug/L 93-76-5 2,4,5-T 2.00 U 0.57 2.00 ug/L 94-82-6 2,4-DB 2.00 U 0.55 2.00 ug/L 84-85-7 DINOSEB 2.00 U 0.55 2.00 ug/L	Sample Wt/Vol:	1000 Un	its: mL			Final Vol:	10000	uL	
A Injection Volume : Extraction Type: 1.0 PH : GPC Factor : 1.0 PH : Prep Method : SW3510C File ID/Qc Batch: Dilution: Prep Date Date Analyzed Prep Batch ID PS027941.D 1 10/15/24 ps101524 Conc. Qualifier MDL LOQ / CRQL Units TARGETS 1918-00-9 DICAMBA 2.00 U 0.43 2.00 ug/L 1918-00-9 DICAMBA 2.00 U 0.43 2.00 ug/L 94-75-7 2.4-D 2.00 U 0.45 2.00 ug/L 93-72-1 2.4,5-TP (Silvex) 2.00 U 0.50 2.00 ug/L 93-76-5 2.4,5-T 2.00 U 0.57 2.00 ug/L 94-82-6 2.4-DB 2.00 U 0.57 2.00 ug/L 94-82-6 2.4-DB 2.00 U 0.55 2.00 ug/L 94-82-6 2.4-DB 2.00 U 0.55 2.00	•		uL			Test [.]	Herbicide		
GPC Factor : 1.0 PH : Prep Method : SW3510C File ID/Qc Batch: Dilution: Prep Date Date Analyzed Prep Batch ID PS027941.D 1 IO/15/24 ps101524 CAS Number Parameter Conc. Qualifier MDL LOQ / CRQL Units TARGETS IO/15/24 2.00 U 0.42 2.00 ug/L 1918-00-9 DICAMBA 2.00 U 0.42 2.00 ug/L 120-36-5 DICHLORPROP 2.00 U 0.43 2.00 ug/L 94-75-7 2.4-D 2.00 U 0.45 2.00 ug/L 93-72-1 2.4,5-TP (Silvex) 2.00 U 0.50 2.00 ug/L 94-82-6 2.4,5-T 2.00 U 0.57 2.00 ug/L 94-82-6 2.4-DB 2.00 U 0.55 2.00 ug/L 94-82-7 DINOSEB 2.00 U 0.55 2.00 ug/L 94-82-6 2.4-DB 2.00 U 0.55			412						
Prep Method : SW3510C File ID/Qc Batch: Dilution: Prep Date Date Analyzed Prep Batch ID PS027941.D 1 10/15/24 ps101524 CAS Number Parameter Conc. Qualifier MDL LOQ / CRQL Units TARGETS		1.0	рц.			injection volume .			
File ID/Qc Batch: Dilution: Prep Date Date Analyzed Prep Batch ID PS027941.D 1 10/15/24 ps101524 CAS Number Parameter Conc. Qualifier MDL LOQ / CRQL Units TARGETS 1 1 0.42 2.00 ug/L 120-36-5 DICHLORPROP 2.00 U 0.43 2.00 ug/L 94-75-7 2,4-D 2.00 U 0.49 2.00 ug/L 93-76-5 2,4,5-TP (Silvex) 2.00 U 0.45 2.00 ug/L 94-82-6 2,4-DB 2.00 U 0.57 2.00 ug/L 94-85-7 DINOSEB 2.00 U 0.57 2.00 ug/L 94-85-7 DINOSEB 2.00 U 0.55 2.00			F11 .						
PS027941.D 1 10/15/24 ps101524 CAS Number Parameter Conc. Qualifier MDL LOQ / CRQL Units TARGETS 1918-00-9 DICAMBA 2.00 U 0.42 2.00 ug/L 120-36-5 DICHLORPROP 2.00 U 0.43 2.00 ug/L 94-75-7 2,4-D 2.00 U 0.45 2.00 ug/L 93-72-1 2,4,5-TP (Silvex) 2.00 U 0.45 2.00 ug/L 93-76-5 2,4,5-T 2.00 U 0.50 2.00 ug/L 94-82-6 2,4-DB 2.00 U 0.57 2.00 ug/L 94-82-6 2,4-DB 2.00 U 0.55 2.00 ug/L 88-85-7 DINOSEB 2.00 U 0.55 2.00 ug/L surrocates V 0.55 2.00 ug/L 100 100	Prep Method :	SW3510C							
CAS Number Parameter Conc. Qualifier MDL LOQ / CRQL Units TARGETS 1918-00-9 DICAMBA 2.00 U 0.42 2.00 ug/L 120-36-5 DICHLORPROP 2.00 U 0.43 2.00 ug/L 94-75-7 2,4-D 2.00 U 0.49 2.00 ug/L 93-72-1 2,4,5-TP (Silvex) 2.00 U 0.45 2.00 ug/L 93-76-5 2,4,5-T 2.00 U 0.50 2.00 ug/L 94-82-6 2,4-DB 2.00 U 0.57 2.00 ug/L 88-85-7 DINOSEB 2.00 U 0.55 2.00 ug/L SURROGATES V V 0.55 2.00 ug/L	File ID/Qc Batch:	Dilution:	Prep	Prep Date		Date Analyzed	Prep Batch ID		
TARGETS 1918-00-9 DICAMBA 2.00 U 0.42 2.00 ug/L 120-36-5 DICHLORPROP 2.00 U 0.43 2.00 ug/L 94-75-7 2,4-D 2.00 U 0.49 2.00 ug/L 93-72-1 2,4,5-TP (Silvex) 2.00 U 0.45 2.00 ug/L 93-76-5 2,4,5-T 2.00 U 0.50 2.00 ug/L 94-82-6 2,4-DB 2.00 U 0.57 2.00 ug/L 88-85-7 DINOSEB 2.00 U 0.55 2.00 ug/L SURROGATES V 0.55 2.00 ug/L 0.55 0.00 0.55	PS027941.D	1				10/15/24	ps10	01524	
1918-00-9DICAMBA2.00U0.422.00ug/L120-36-5DICHLORPROP2.00U0.432.00ug/L94-75-72,4-D2.00U0.492.00ug/L93-72-12,4,5-TP (Silvex)2.00U0.452.00ug/L93-76-52,4,5-T2.00U0.502.00ug/L94-82-62,4-DB2.00U0.572.00ug/L88-85-7DINOSEB2.00U0.552.00ug/L	CAS Number	Parameter	Conc.	Qualifier	MDL		LOQ / C	RQL	Units
1918-00-9DICAMBA2.00U0.422.00ug/L120-36-5DICHLORPROP2.00U0.432.00ug/L94-75-72,4-D2.00U0.492.00ug/L93-72-12,4,5-TP (Silvex)2.00U0.452.00ug/L93-76-52,4,5-T2.00U0.502.00ug/L94-82-62,4-DB2.00U0.572.00ug/L88-85-7DINOSEB2.00U0.552.00ug/L	TARGETS								
94-75-72,4-D2.00U0.492.00ug/L93-72-12,4,5-TP (Silvex)2.00U0.452.00ug/L93-76-52,4,5-T2.00U0.502.00ug/L94-82-62,4-DB2.00U0.572.00ug/L88-85-7DINOSEB2.00U0.552.00ug/LSURROGATES		DICAMBA	2.00	U	0.42		,	2.00	ug/L
93-72-1 2,4,5-TP (Silvex) 2.00 U 0.45 2.00 ug/L 93-76-5 2,4,5-T 2.00 U 0.50 2.00 ug/L 94-82-6 2,4-DB 2.00 U 0.57 2.00 ug/L 88-85-7 DINOSEB 2.00 U 0.55 2.00 ug/L	120-36-5	DICHLORPROP	2.00	U	0.43			2.00	ug/L
93-76-5 2,4,5-T 2.00 U 0.50 2.00 ug/L 94-82-6 2,4-DB 2.00 U 0.57 2.00 ug/L 88-85-7 DINOSEB 2.00 U 0.55 2.00 ug/L SURROGATES	94-75-7	2,4-D	2.00	U	0.49			2.00	ug/L
94-82-6 2,4-DB 2.00 U 0.57 2.00 ug/L 88-85-7 DINOSEB 2.00 U 0.55 2.00 ug/L SURROGATES	93-72-1	2,4,5-TP (Silvex)	2.00	U	0.45		,	2.00	ug/L
88-85-7 DINOSEB 2.00 U 0.55 2.00 ug/L SURROGATES <	93-76-5	2,4,5-T	2.00	U	0.50		, -	2.00	ug/L
SURROGATES	94-82-6	2,4-DB	2.00	U	0.57		,	2.00	ug/L
	88-85-7	DINOSEB	2.00	U	0.55			2.00	ug/L
		2,4-DCAA	529		39 - 175			106%	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

 $\mathbf{S}=\mathbf{Indicates}$ estimated value where valid five-point calibration

was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit