

## Report of Analysis

|                    |                           |          |                    |           |           |
|--------------------|---------------------------|----------|--------------------|-----------|-----------|
| Client:            | Chemtech Consulting Group |          | Date Collected:    | 05/07/24  |           |
| Project:           | LOD-LOQ Study             |          | Date Received:     | 05/07/24  |           |
| Client Sample ID:  | LOD-MDL-SOIL-01-QT2-2024  |          | SDG No.:           | P2403     |           |
| Lab Sample ID:     | P2403-01                  |          | Matrix:            | SOIL      |           |
| Analytical Method: | SW8151A                   |          | % Solid:           | 100       | Decanted: |
| Sample Wt/Vol:     | 30.01                     | 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 |
| PS026676.D        | 1         | 05/08/24 08:30 | 05/08/24 18:15 | PB160776      |

| CAS Number        | Parameter         | Conc. | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|-------------------|-------------------|-------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>    |                   |       |           |          |            |                   |
| 1918-00-9         | DICAMBA           | 25.2  | J         | 8.70     | 67.0       | ug/Kg             |
| 120-36-5          | DICHLORPROP       | 29.9  | J         | 9.50     | 67.0       | ug/Kg             |
| 94-75-7           | 2,4-D             | 32.6  | J         | 12.1     | 67.0       | ug/Kg             |
| 93-72-1           | 2,4,5-TP (Silvex) | 30.7  | J         | 9.40     | 67.0       | ug/Kg             |
| 93-76-5           | 2,4,5-T           | 28.9  | J         | 10.1     | 67.0       | ug/Kg             |
| 94-82-6           | 2,4-DB            | 55.3  | JP        | 18.3     | 67.0       | ug/Kg             |
| 88-85-7           | DINOSEB           | 35.6  | J         | 12.4     | 67.0       | ug/Kg             |
| <b>SURROGATES</b> |                   |       |           |          |            |                   |
| 19719-28-9        | 2,4-DCAA          | 456   |           | 10 - 141 | 91%        | 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