284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | CDM Smith | Date Collected: | |
| Project: | South River WM Replacement | Date Received: | |
| Client Sample ID: | PB168675BS | SDG No.: | Q2436 |
| Lab Sample ID: | PB168675BS | Matrix: | SOIL |
| Analytical Method: | 8151A | % Solid: | 100 Decanted: |
| Sample Wt/Vol: | 30.03 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 |
|---|---|---|---|---|
| PS030883.D | 1 | 07/01/25 10:00 | 07/02/25 10:45 | PB168675 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units(Dry Weight) |
|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | |
| 1918-00-9 | DICAMBA | 161 | | 7.70 | 66.9 | ug/Kg |
| 120-36-5 | DICHLORPROP | 157 | | 12.8 | 66.9 | ug/Kg |
| 94-75-7 | 2,4-D | 160 | | 9.00 | 66.9 | ug/Kg |
| 93-72-1 | 2,4,5-TP (Silvex) | 169 | | 9.10 | 66.9 | ug/Kg |
| 93-76-5 | 2,4,5-T | 173 | | 8.70 | 66.9 | ug/Kg |
| 94-82-6 | 2,4-DB | 180 | | 24.2 | 66.9 | ug/Kg |
| 88-85-7 | DINOSEB | 165 | | 10.8 | 66.9 | ug/Kg |
| **SURROGATES** | | | | | | |
| 19719-28-9 | 2,4-DCAA | 511 | | 10 - 141 | 102% | 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