

# Chemical Information:

Name: p-Chlorophenyl-2,4,5-trichlorophenyl sulfide  
CAS No.: 2227-13-6 Supplier: Sigma-Aldrich  
Tox21\_ID No.: Tox21\_202392 Lot No.: SZE6297X  
NTP\_CID No.: 4136 MW: 324.05 g/mol

Date of Analysis: 06 August 2010

## Purity and Identity Results:

| Peak Identity                                | Retention Time (min) | Purity (% Total Area) <sup>a</sup> |
|--|----------------------|------------------------------------|
| p-Chlorophenyl-2,4,5-trichlorophenyl sulfide | 24.17                | 100.00                             |

<sup>a</sup> Peaks comprising  $\geq 0.5\%$  of total area.

## GC/MS Instrument Parameters:

|                         |  |
|-------------------------|--|
| Instrument / Ionization | Gas Chromatograph with Mass Spectrometer / Electron Impact               |
| Solvent                 | Dichloromethane  |
| Column                  | J&W Scientific HP-5MS, 30 m x 0.25 mm ID, 0.25- $\mu$ m film thickness   |
| Carrier Gas             | Helium at 1.0 mL/min   |
| Oven Program            | 35°C, hold 2 min; ramp @ 10°C/min to 310°C, hold 7 min                   |
| Source Temperature      | 230°C  |
| Auxiliary Temperature   | 250°C  |
| Scan Range              | 25 – 500 amu   |
| Injector Temperature    | 250°C  |
| Injection Volume / Mode | 1 $\mu$ L / Split (100:1)  |
| Data Analysis Software  | MSD ChemStation v D.03.00.SP1, and NIST Library v 2.0f, build 10/08/2008 |

