

### Chemical Information:

Name: 2,2'-Methylene-bis(4-chlorophenol)  
 CAS No.: 97-23-4 Supplier: Sigma Aldrich  
 Tox21\_ID No.: Tox21\_201429 Lot No.: 06318KR  
 NTP\_CID No.: 116 MW: 269.12 g/mol

Date of Analysis: 17 July 2009

### Purity and Identity Results:

| Peak Identity                      | Retention Time (min) | Purity (% Total Area) <sup>a</sup> |
|------------------------------------|----------------------|------------------------------------|
| 2,2'-Methylene-bis(4-chlorophenol) | 24.84                | 100                                |

<sup>a</sup> Peaks comprising ≥ 0.5% of total area.

### LC/MS Instrument Parameters:

|                         |   |
|-------------------------|---|
| Instrument / Ionization | Micromass Quattro II with Shimadzu HPLC / ESI-                            |
| Solvent                 | Methanol  |
| Column                  | Grace HP C18-AQ, 5 µm, 250 mm x 2.1 mm ID                                 |
| Injection Volume        | 20 µL   |
| Mobile Phase            | Water (A) / acetonitrile (B)  |
| Program / Flow Rate     | 95/5 A/B for 1 minute; 10/90 in 20 minutes, hold 1 minute / 0.2 mL/minute |
| Cone / Corona           | 40 V / 3.0 kV   |
| Source Temperature      | 140°C   |
| Probe Temperature       | 325°C   |
| Scan Range              | 85 – 1400 amu   |
| Acquisition Software    | MassLynx, v 4.0   |

