

Chemical Information:

Name: Bromodichloromethane
CAS No.: 75-27-4
Tox21_ID No.: Tox21_200806
NTP_CID No.: 570

Date of Analysis: 18 February 2010

Supplier: Sigma-Aldrich
Lot No.: 11508BE
MW: 163.83 g/mol

Purity and Identity Results:

| Peak Identity | Retention Time (min) | Purity (% Total Area) ^a | Peak Identity | Retention Time (min) | Purity (% Total Area) ^a |
|----------------------|----------------------|------------------------------------|---------------|----------------------|------------------------------------|
| unknown | 1.72 | 0.52 | unknown | 4.60 | 1.97 |
| Bromodichloromethane | 3.29 | 94.54 | unknown | 5.73 | 1.64 |
| unknown | 3.99 | 0.67 | | | |

^a Peaks comprising ≥ 0.5% of total area.

GC/MS Instrument Parameters:

| | |
|-------------------------|--|
| Instrument / Ionization | Gas Chromatograph with Mass Spectrometer / Electron Impact |
| Solvent | Not applicable (Neat) |
| Column | J&W Scientific HP-5MS, 30 m x 0.25 mm ID, 0.25-μm 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 | 250°C |
| Auxiliary Temperature | 250°C |
| Scan Range | 25 – 500 amu |
| Injector Temperature | 250°C |
| Injection Volume / Mode | 1 μL / Split (500:1) |
| Data Analysis Software | Xcalibur ver. 1.2, and NIST Library ver. 2.0f, build 10/08/2008 |

