

Chemical Information:

Name: 1,2-Dibromo-4-(1,2-dibromoethyl)cyclohexane Date of Analysis: 27 January 2009
CAS No.: 3322-93-8 Supplier: Sigma-Aldrich
Tox21_ID No.: Tox21_200970 Lot No.: S110305OB-8
NTP_CID No.: 3 MW: 427.80 g/mol

Purity and Identity Results:

| Peak Identity | Retention Time (min) | Purity (% Total Area) ^a |
|---|----------------------|------------------------------------|
| 1,2-Dibromo-4-(1,2-dibromoethyl)cyclohexane | 21.01 | 99.45 |

^a 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- μ 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 | 250°C |
| Auxiliary Temperature | 250°C |
| Scan Range | 25 – 350 amu |
| Injector Temperature | 250°C |
| Injection Volume / Mode | 1 μ L / Split (10:1) |
| Run Time | 36.5 minutes |
| Data Analysis Software | Xcalibur, v 1.2 and NIST Library v 2.0, build 7/23/2008 |

