

Chemical Information:

Name: cis-1,2-Dichloroethylene
CAS No.: 156-59-2 Supplier: Supelco
Tox21_ID No.: Tox21_200003 Lot No.: LB68568
NTP_CID No.: 638 MW: 96.94 g/mol

Date of Analysis: 27 August 2010

Purity and Identity Results:

| Peak Identity | Retention Time (min) | Purity (% Total Area) ^a |
|--------------------------|----------------------|------------------------------------|
| cis-1,2-Dichloroethylene | 7.29 | 99.98 |

^a Peaks comprising $\geq 0.5\%$ 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- μ m film thickness |
| Carrier Gas | Helium at 1.0 mL/min |
| Oven Program | -10°C, hold 4 min; ramp @ 10°C/min to 310°C, hold 7 min |
| Source Temperature | 200°C |
| Auxiliary Temperature | 200°C |
| Scan Range | 15 – 500 amu |
| Injector Temperature | 150°C |
| Injection Volume / Mode | 1 μ L / Split (420:1) |
| Data Analysis Software | Xcalibur ver 1.2, and NIST Library ver 2.0f, build 10/08/2008 |

