

### Chemical Information:

Name: Methylene chloride

Date of Analysis: 11 June 2010

CAS No.: 75-09-2

Supplier: Sigma-Aldrich

Tox21\_ID No.: Tox21\_202526

Lot No.: 55196DK

NTP\_CID No.: 968

MW: 84.93 g/mol

### Purity and Identity Results:

Peak Identity	Retention Time (min)	Purity (% Total Area) <sup>a</sup>
Methylene chloride	3.60	99.88

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

### GC/MS Instrument Parameters:

Instrument / Ionization	Gas Chromatograph with Mass Spectrometer / Electron Impact
Solvent	Ethanol
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	-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	25 – 500 amu
Injector Temperature	150°C
Injection Volume / Mode	1 μL / Split (420:1)
Data Analysis Software	Xcalibur, v 1.2 and NIST Library v 2.0f, build 10/08/2008

