

Chemical Information:

Name: Isopropyl methanesulfonate
CAS No.: 926-06-7 Supplier: Acros Organics
Tox21_ID No.: Tox21_200855 Lot No.: A0256911
NTP_CID No.: 890 MW: 138.19 g/mol

Date of Analysis: 29 March 2010

Purity and Identity Results:

| Peak Identity | Retention Time (min) | Purity (% Total Area) ^a |
|----------------------------|----------------------|------------------------------------|
| Isopropyl methanesulfonate | 7.64 | 100.00 |

^a Peaks comprising $\geq 0.5\%$ of total area.

GC/MS Instrument Parameters:

| | |
|-------------------------|--|
| Instrument / Ionization | Gas Chromatograph with Mass Spectrometer / Electron Impact |
| Solvent | Dichloromethane (~ 1 mg/mL) |
| 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 – 500 amu |
| Injector Temperature | 250°C |
| Injection Volume / Mode | 1 μ L / Split (100:1) |
| Data Analysis Software | Xcalibur ver. 1.2, and NIST Library ver 2.0f, build 10/08/2008 |

