

Chemical Information:

Name: 1,3-Dichloro-2-propanol
CAS No.: 96-23-1
Tox21_ID No.: Tox21_201890
NTP_CID No.: 46

Date of Analysis: 16 February 2007

Supplier: Sigma-Aldrich
Lot No.: 16003TC
MW: 128.99 g/mol

Purity and Identity Results:

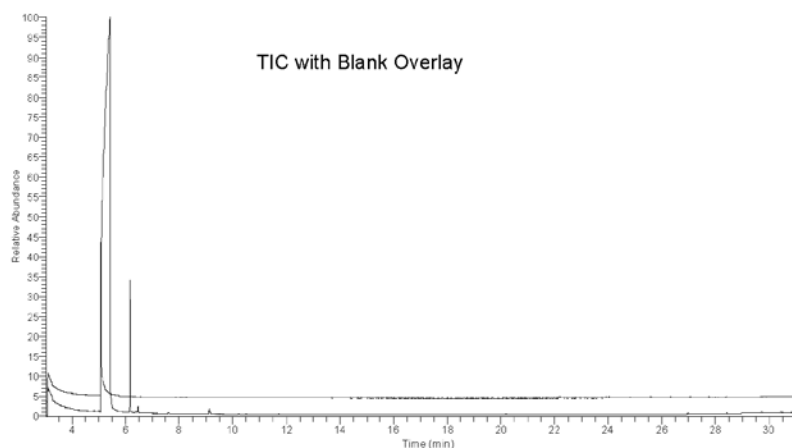
Peak Identity	Retention Time (min)	Purity (% Total Area) ^a
DMSO	5.43	Not applicable
1,3-Dichloro-2-propanol	6.17	98.25
unknown	26.96	1.06

^a Peaks comprising ≥ 0.5% of total area.

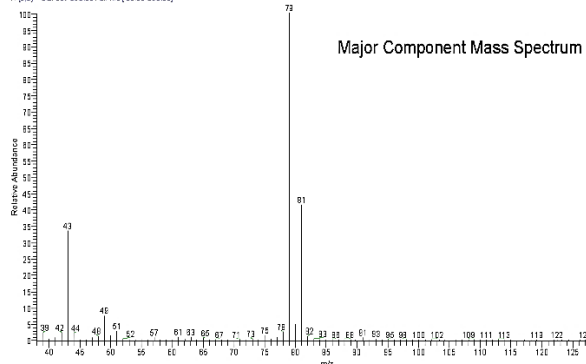
GC/MS Instrument Parameters:

Instrument / Ionization	ThermoFinnigan TraceGC with ThermoFinnigan TraceMS / Electron Impact
Solvent	Dichloromethane (100 mM in DMSO, diluted 1/1000 with dichloromethane)
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 2 min
Source Temperature	250°C
Auxiliary Temperature	250°C
Scan Range	35 – 250 amu
Injector Temperature	280°C
Injection Volume / Mode	2 μL / Splitless
Run Time	31.5 minutes
Data Analysis Software	Xcalibur, v 1.2 and NIST Library v 1.7, build 11/5/1999

RT: 3.05 - 31.49 SM 9G



07b18009 #079 RT: 6.18 AB: 1 SB: 2 6.12, 6.20 NL: 1.4853
T: 0.00 < c: El 4e+950.33 Full ms [50:33-250.00]



NIST Reference Mass Spectrum

