

Chemical Information:

Name: 2,3-Dichloro-1-propanol
CAS No.: 616-23-9 Supplier: Sigma-Aldrich
Tox21_ID No.: Tox21_200342 Lot No.: 456579/1
NTP_CID No.: 133 MW: 128.99 g/mol

Date of Analysis: 21 August 2007

Purity and Identity Results:

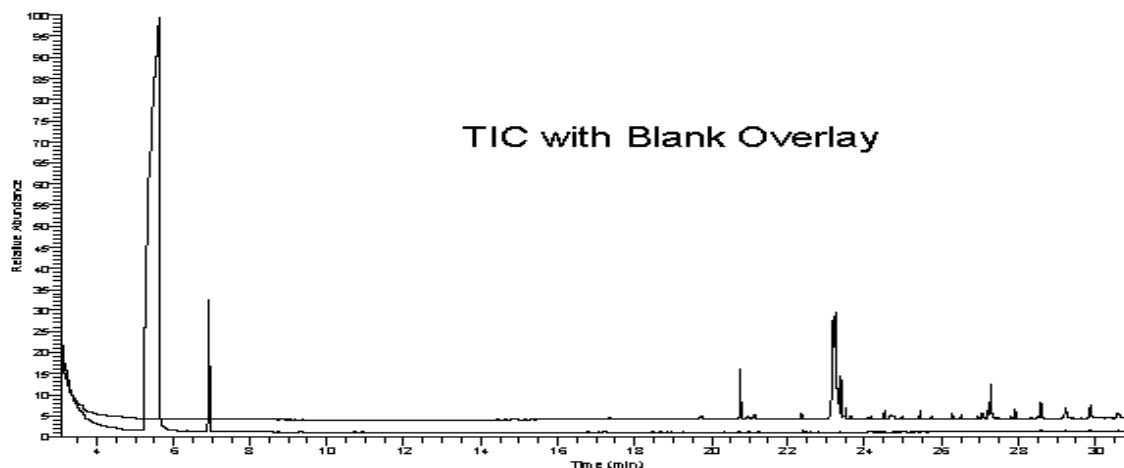
Peak Identity	Retention Time (min)	Purity (% Total Area) ^a
DMSO	5.64	Not applicable
unknown	6.35	1.04
2,3-Dichloro-1-propanol	6.93	97.09
unknown	17.22	0.90

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

GC/MS Instrument Parameters:

Instrument / Ionization	Gas Chromatograph with Mass Spectrometer / 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- 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 2 min
Source Temperature	250°C
Auxiliary Temperature	250°C
Scan Range	25 – 200 amu
Injector Temperature	250°C
Injection Volume / Mode	2 μ L / Splitless
Data Analysis Software	Xcalibur, v 1.2 and NIST Library v 1.7, build 11/5/1999

RT: 3.05 - 31.50 SM: 33



0762106 #470 RT: 6.92 RP: 1 RL: 4.47 66
T: 0.00 C: 616-23-00 Full MS (25.00-30.00)

