

Chemical Information:

Name: Benzyl alcohol
CAS No.: 100-51-6
Tox21_ID No.: Tox21_202447
NTP_CID No.: 535

Supplier: Sigma-Aldrich
Lot No.: 50880
MW: 108.14 g/mol

Date of Analysis: 02 October 2007

Purity and Identity Results:

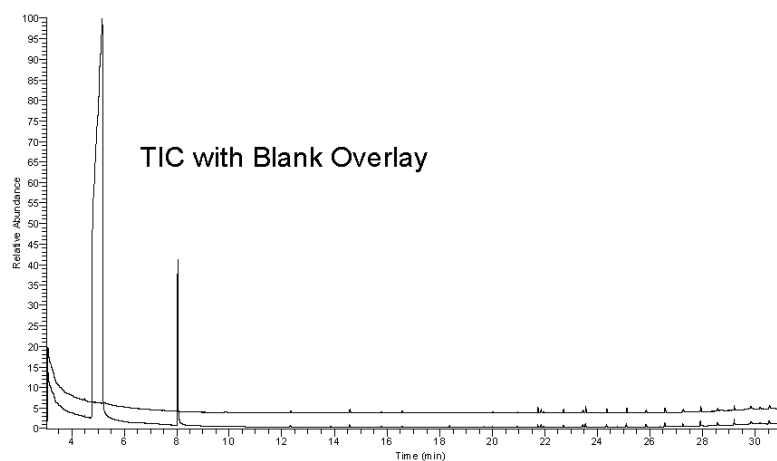
Peak Identity	Retention Time (min)	Purity (% Total Area) ^a
DMSO	5.17	Not applicable
Benzyl alcohol	8.03	98.55
unknown	18.38	1.45

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

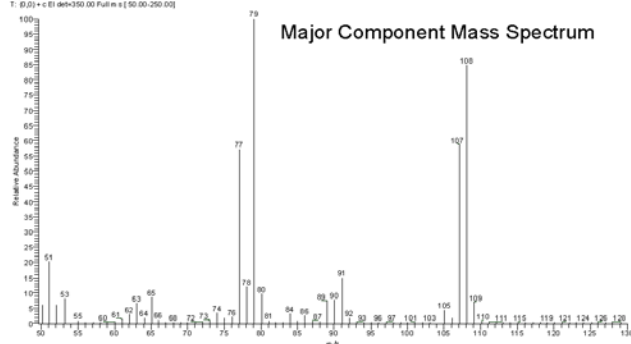
GC/MS Instrument Parameters:

Instrument / Ionization	Gas Chromatograph / 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	50 – 250 amu
Injector Temperature	250°C
Injection Volume / Mode	2 μ L / 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: 3G



07/02/07 #003 RT: 8.03 AC: 1 NL: 1.92E6
T: 0.01 m eV (see 000 00) Full ms (50.00-250.00)



NIST Reference Mass Spectrum

