

Chemical Information:

Name: p-Nitrophenethyl alcohol
CAS No.: 100-27-6 Supplier: Sigma-Aldrich
Tox21_ID No.: Tox21_200285 Lot No.: 420074/1
NTP_CID No.: 1211 MW: 167.16 g/mol

Date of Analysis: 16 April 2007

Purity and Identity Results:

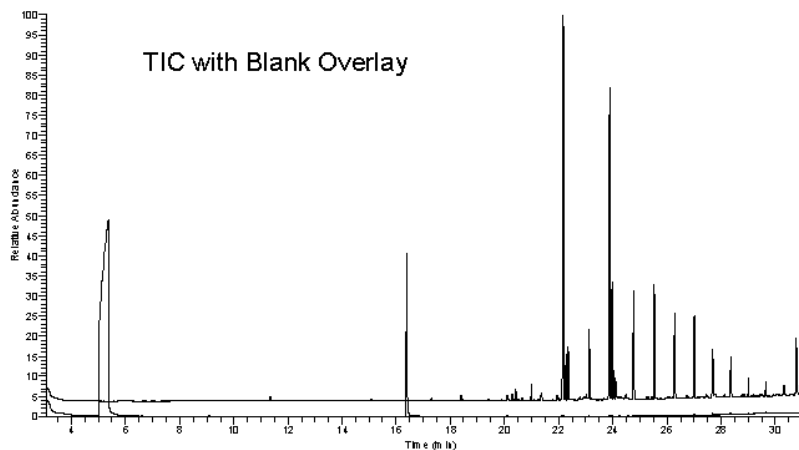
Peak Identity	Retention Time (min)	Purity (% Total Area) ^a
DMSO	5.37	Not applicable
p-Nitrophenethyl alcohol	16.39	100.00

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

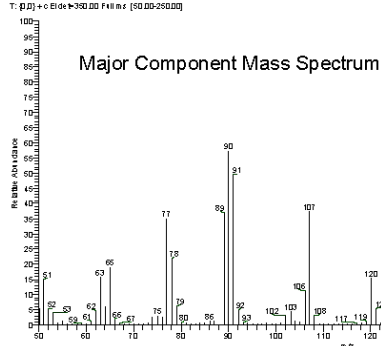
GC/MS Instrument Parameters:

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- 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



01/01/01 #1608 RT: 16.40 AC: 1 NL: 3.1686
T: 0.00 +0.00 Eide 390.00 F41 m/z [50.00-250.00]



NIST Reference
Mass Spectrum

