

Chemical Information:

Name: o-Nitrophenethyl alcohol
CAS No.: 15121-84-3 Supplier: Sigma-Aldrich
Tox21_ID No.: Tox21_200295 Lot No.: 26219CB
NTP_CID No.: 1117 MW: 167.16 g/mol

Date of Analysis: 29 March 2007

Purity and Identity Results:

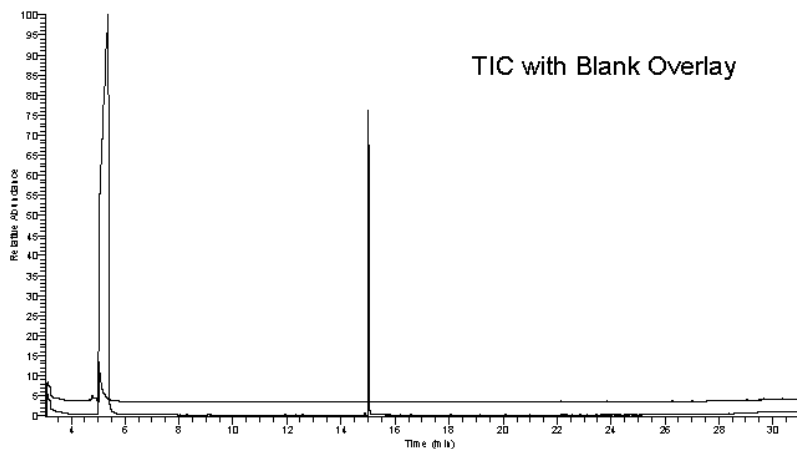
Peak Identity	Retention Time (min)	Purity (% Total Area) ^a
DMSO	5.37	Not applicable
unknown	14.88	0.61
o-Nitrophenethyl alcohol	15.02	97.79
unknown	18.06	0.59

^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	50 – 250 amu
Injector Temperature	250°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 - 31.50 S.M: 30



DT: 29/03/07 14:42 RT: 15.02 A/C: 1 NL: 3.31 E6
T: (0.0) + o-Nitrophenethyl alcohol F111111 (S0.00-250.00)

