

# Chemical Information:

Name: N-Ethyl-n-phenyl benzylamine  
CAS No.: 92-59-1 Supplier: Sigma-Aldrich  
Tox21\_ID No.: Tox21\_200375 Lot No.: 02703PC  
NTP\_CID No.: 1042 MW: 211.360 g/mol

Date of Analysis: 28 March 2007

# Purity and Identity Results:

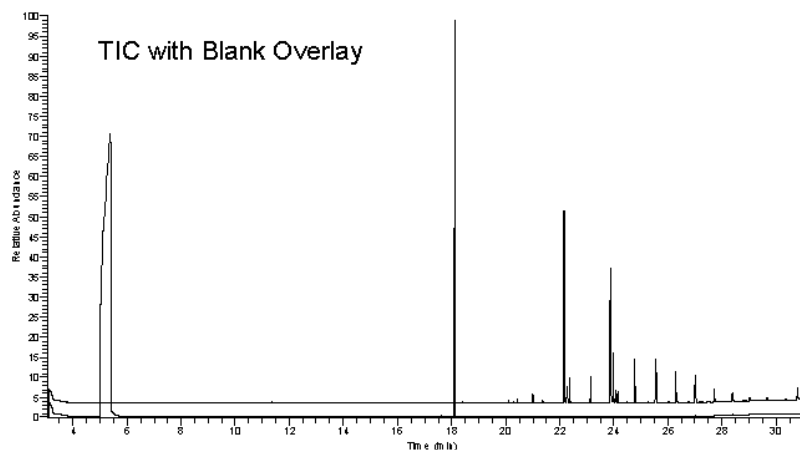
Peak Identity	Retention Time (min)	Purity (% Total Area) <sup>a</sup>
DMSO	5.38	Not applicable
N-Ethyl-n-phenyl benzylamine	18.11	98.98

<sup>a</sup> 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 - 31.49 SM: 30



028121813 RT: 18.11 NL: 4.34E6  
T: (0.0) = 0.010636000 Peaks: (30.00-200.00)

