

Chemical Information:

Name: 2-Naphthylamine
CAS No.: 91-59-8
Tox21_ID No.: Tox21_202091
NTP_CID No.: 273

Supplier: Sigma-Aldrich
Lot No.: 086C01371
MW: 143.19 g/mol

Date of Analysis: 5 Apr 2007

Purity and Identity Results:

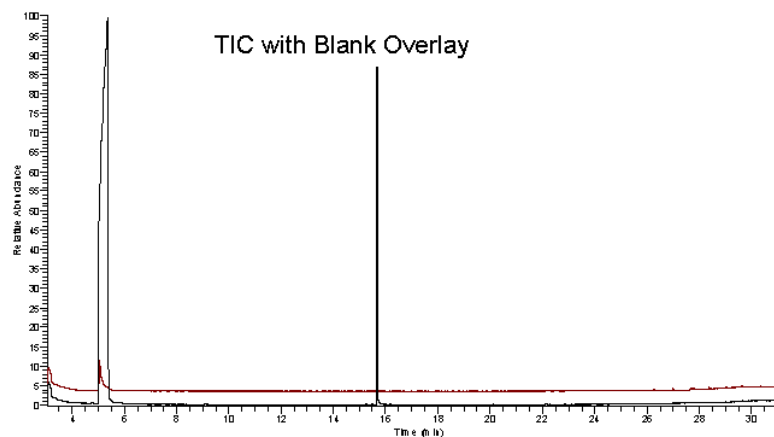
Peak Identity	Retention Time (min)	Purity (% Total Area) ^a
DMSO	5.36	Not applicable
2-Naphthylamine	15.68	99.48

^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 - 31.49 SM: 3G



07-00504-1#1510 RT: 15.65 AC: 1 SE: 3 15.61-15.62, 15.74 NL: 12606
T: (0.2) v o Eige P-300 DD F4 file s [50 ID-20000]

