

Chemical Information:

Name: 3-Hydroxy-N-phenylaniline
CAS No.: 101-18-8 Supplier: Sigma-Aldrich
Tox21_ID No.: Tox21_200308 Lot No.: 11210KC
NTP_CID No.: 336 MW: 185.22 g/mol

Date of Analysis: 16 August 2007

Purity and Identity Results:

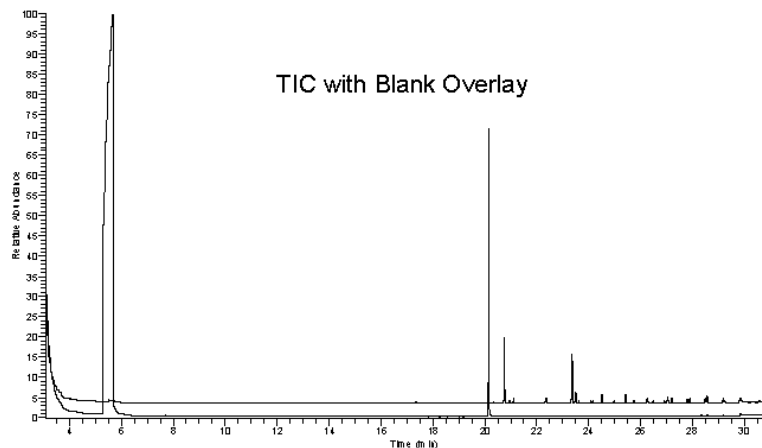
Peak Identity	Retention Time (min)	Purity (% Total Area) ^a
DMSO	5.65	Not applicable
3-Hydroxy-N-phenylaniline	20.16	99.77

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

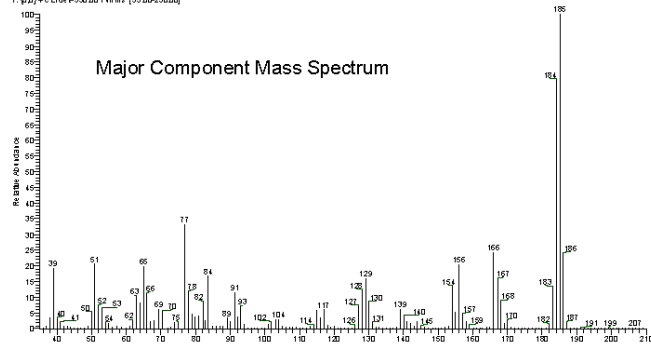
GC/MS Instrument Parameters:

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	35 – 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: 30



01161616 04100 RT: 20.14 AU: 1.35466
T: 0.01 + 0.01e-300.00 Peaks (35.00-250.00)



NIST Reference Mass Spectrum

