

Chemical Information:

Name: m-Nitroaniline
CAS No.: 99-09-2
Tox21_ID No.: Tox21_200386
NTP_CID No.: 977

Supplier: Supelco
Lot No.: LB30823
MW: 138.12 g/mol

Date of Analysis: 11 July 2007

Purity and Identity Results:

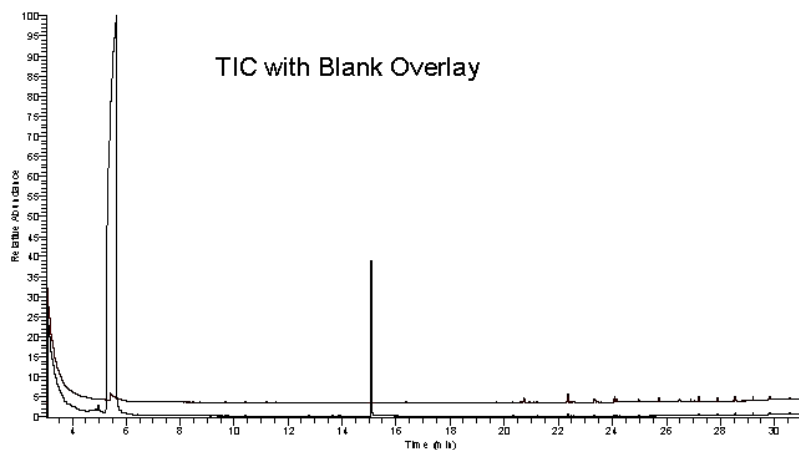
Peak Identity	Retention Time (min)	Purity (% Total Area) ^a
DMSO	5.64	Not applicable
m-Nitroaniline	15.09	99.53

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

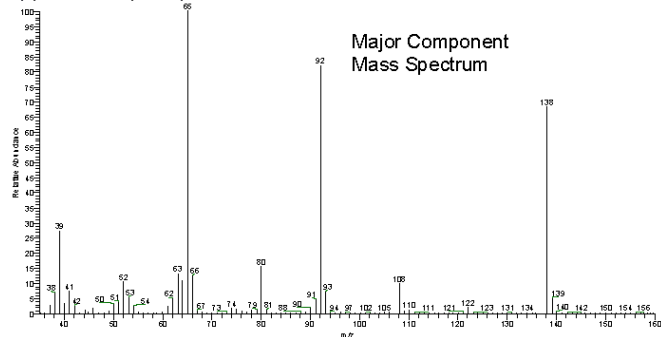
GC/MS Instrument Parameters:

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 - 31.50 S.M. 30



010101_01011212027 #3158 RT: 15.09 Av: 1 NL: 30405
T: 0.00 + c El 0.0-350.00 Files (35.00-250.00)



NIST Reference Mass Spectrum

