

# Chemical Information:

Name: m-Anisidine  
CAS No.: 536-90-3  
Tox21\_ID No.: Tox21\_200820  
NTP\_CID No.: 923

Supplier: Sigma-Aldrich  
Lot No.: 20325KB  
MW: 123.15 g/mol

Date of Analysis: 22 March 2007

## Purity and Identity Results:

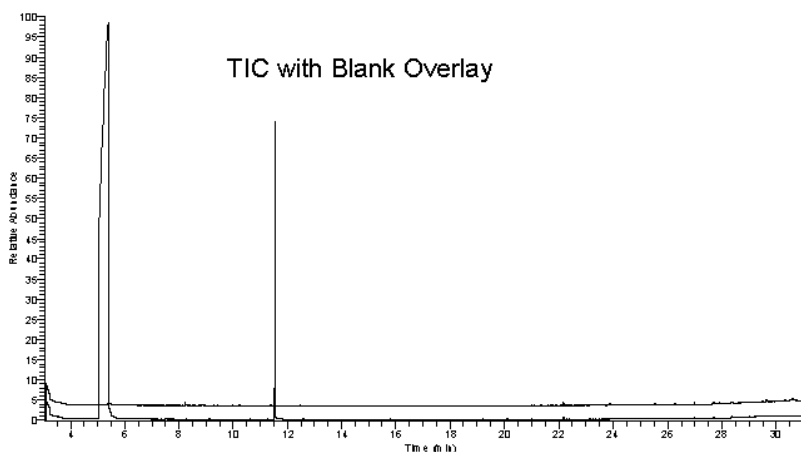
Peak Identity	Retention Time (min)	Purity (% Total Area) <sup>a</sup>
DMSO	5.40	Not applicable
m-Anisidine	11.54	99.21

<sup>a</sup> Peaks comprising  $\geq 0.5\%$  of total area.

## GC/MS Instrument Parameters:

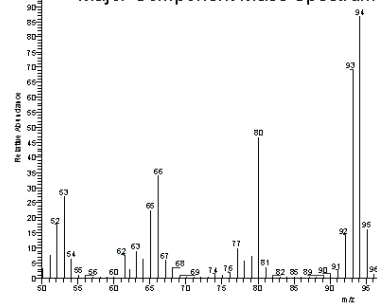
Instrument / Ionization	ThermoFinnigan TraceGC with ThermoFinnigan TraceMS / Electron Impact
Solvent	Dichloromethane (100 mM in DMSO, diluted 1/1000 with dichloromethane)
Column	J&W Scientific HP-5MS, 30 m x 0.25 mm ID, 0.25- $\mu$ m film thickness
Carrier Gas	Helium at 1.0 mL/min
Oven Program	35°C, hold 2 min; ramp @ 10°C/min to 310°C, hold 2 min
Source Temperature	250°C
Auxiliary Temperature	250°C
Scan Range	50 – 250 amu
Injector Temperature	250°C
Injection Volume / Mode	2 $\mu$ 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 S.M. 30



07-02-2007 11:02:05 RT: 11.54 AC: 1 NL: 3 D6 B5  
T: 0.00 s - 0.00 s - 30.00 s (50.00-250.00)

## Major Component Mass Spectrum



## NIST Reference Mass Spectrum

