

# Chemical Information:

Name: o-Anisidine  
CAS No.: 90-04-0  
Tox21\_ID No.: Tox21\_201460  
NTP\_CID No.: 1089

Supplier: Sigma-Aldrich  
Lot No.: 09810HC  
MW: 123.15 g/mol

Date of Analysis: 22 March 2007

## Purity and Identity Results:

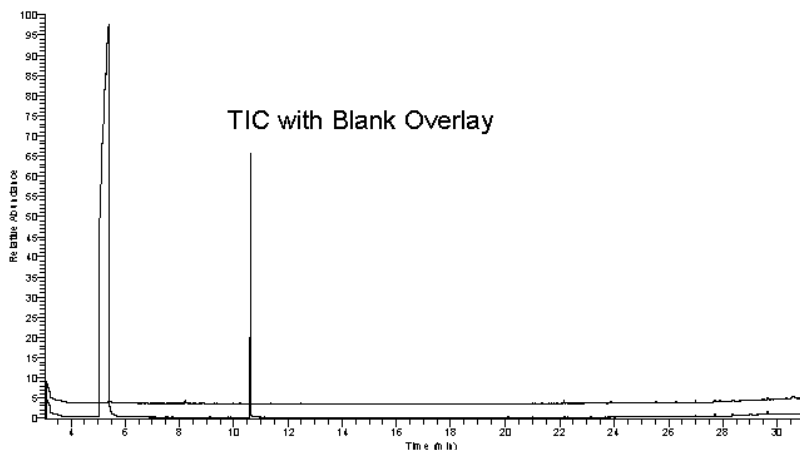
Peak Identity	Retention Time (min)	Purity (% Total Area) <sup>a</sup>
DMSO	5.40	Not applicable
o-Anisidine	10.63	99.51

<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 - 31.50 SM: 30



07/22/2007 09:15 RT: 10.63 AU: 1 NL: 3.06E6  
T: (P2) + c1010-300.00 Prelim (50.00-250.00)

## Major Component Mass Spectrum

