

# Chemical Information:

Name: Azobenzene  
CAS No.: 103-33-3  
Tox21\_ID No.: Tox21\_201458  
NTP\_CID No.: 506

Supplier: Chem Service  
Lot No.: 337-11A  
MW: 182.22 g/mol

Date of Analysis: 27 March 2007

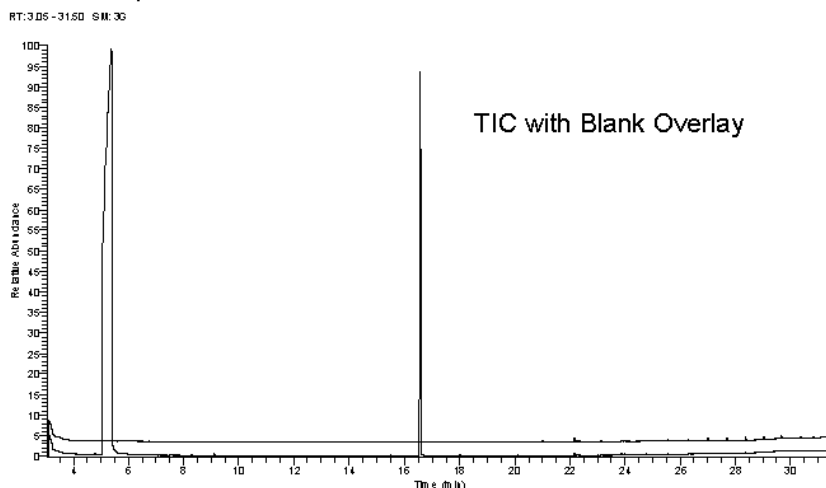
# Purity and Identity Results:

Peak Identity	Retention Time (min)	Purity (% Total Area) <sup>a</sup>
DMSO	5.38	Not applicable
Azobenzene	16.58	99.74

<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



07:02:15 #1628 RT: 16.57 AC: 1 NL: 3.79E6  
T: (L0) = c:\data\350.00\Files\ (50.00-200.00)

