

### Chemical Information:

Name: N,N-Dimethylbenzylamine  
CAS No.: 103-83-3 Supplier: Sigma-Aldrich  
Tox21\_ID No.: Tox21\_200719 Lot No.: 00628HE  
NTP\_CID No.: 1010 MW: 135.21 g/mol

Date of Analysis: 01 July 2009

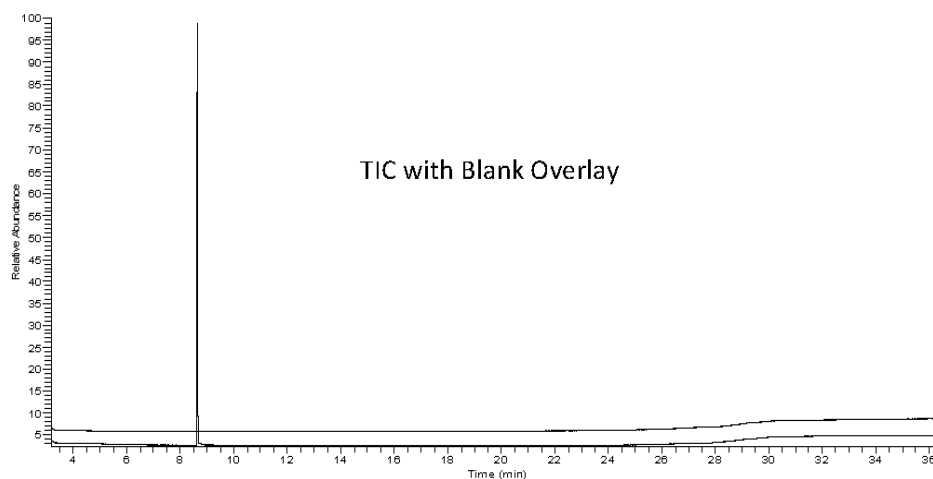
### Purity and Identity Results:

Peak Identity	Retention Time (min)	Purity (% Total Area) <sup>a</sup>
N,N-Dimethylbenzylamine	8.64	100.00

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

### GC/MS Instrument Parameters:

Instrument / Ionization	Gas Chromatograph with Mass Spectrometer / Electron Impact
Solvent	Ethanol (~ 1 mg/mL)
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 7 min
Source Temperature	250°C
Auxiliary Temperature	250°C
Scan Range	25 – 500 amu
Injector Temperature	250°C
Injection Volume / Mode	1 $\mu$ L / Split (100:1)
Run Time	36.5 minutes
Data Analysis Software	Xcalibur ver 1.2 and NIST Library ver 2.0f, build 10/8/2008



09/01/11 11:00:00 RT: 8.64 AC: 1 SR: 0.00-0.01, 0.00-0.02 HL: 0.3764  
T: (0.0) + (0.0) 0.00-0.02 Full.ms (25.00-500.00)

