

Chemical Information:

Name: 1,3-Dimethylbutylamine
CAS No.: 108-09-8 Supplier: Sigma-Aldrich
Tox21_ID No.: Tox21_201157 Lot No.: 03630KA
NTP_CID No.: 55 MW: 101.19 g/mol

Date of Analysis: 02 February 2009

Purity and Identity Results:

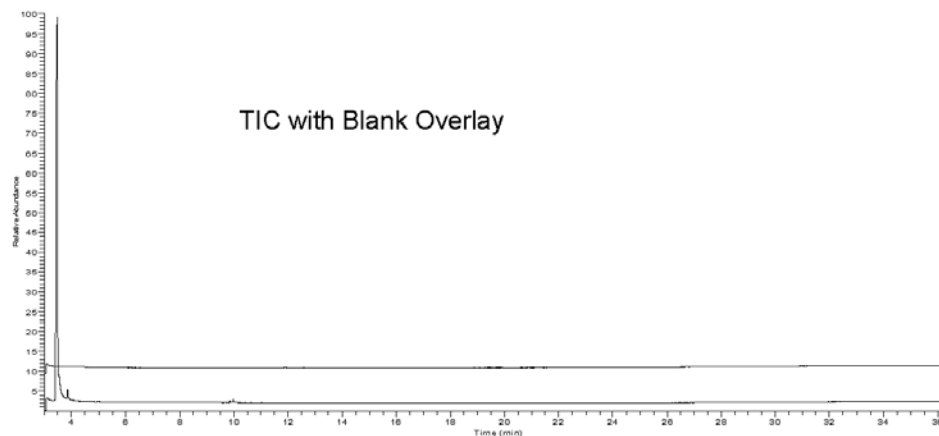
Peak Identity	Retention Time (min)	Purity (% Total Area) ^a
1,3-Dimethylbutylamine	3.48	98.09
unknown	3.86	1.16

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

GC/MS Instrument Parameters:

Instrument / Ionization	Gas Chromatograph with Mass Spectrometer / Electron Impact
Solvent	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 7 min
Source Temperature	250°C
Auxiliary Temperature	250°C
Scan Range	25 – 350 amu
Injector Temperature	250°C
Injection Volume / Mode	1 μ L / Split (10:1)
Run Time	36.5 minutes
Data Analysis Software	Xcalibur, v 1.2 and NIST Library v 2.0, build 7/23/2008

RT: 3.00 - 36.50



00002107.MS RT: 3.53 Av: 1 SE: 2.360 3.41 NL: 2.3568
T: 0.02 + e EI 0.980 0.000 0.000 0.000 0.000 0.000

