

Chemical Information:

Name: 1-Octanamine
CAS No.: 111-86-4
Tox21_ID No.: Tox21_200052
NTP_CID No.: 1077

Supplier: Sigma-Aldrich
Lot No.: 03112TE
MW: 129.24 g/mol

Date of Analysis: 01 July 2009

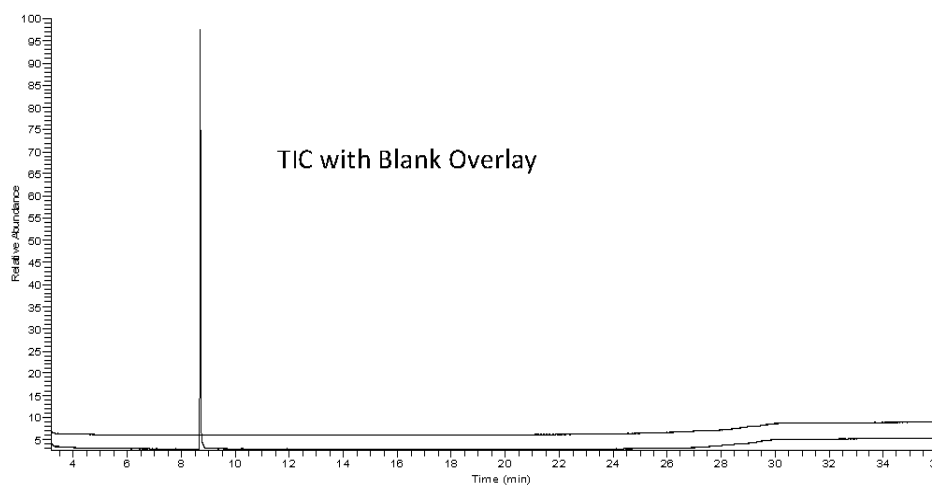
Purity and Identity Results:

Peak Identity	Retention Time (min)	Purity (% Total Area) ^a
1-Octanamine	8.70	100.00

^a Peaks comprising ≥ 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-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 7 min
Source Temperature	250°C
Auxiliary Temperature	250°C
Scan Range	25 – 500 amu
Injector Temperature	250°C
Injection Volume / Mode	1 μL / 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



00001110.MS4 RT: 8.85 AU: 1 SP: 5.884.85, 9.10-9.12 NL: 3.11E5
T: (0.0) x (0.0) cm=550.00 Full ms [25.00-500.00]

