

Chemical Information:

Name: Heptylamine
CAS No.: 111-68-2
Tox21_ID No.: Tox21_201004
NTP_CID No.: 1046

Supplier: Sigma-Aldrich
Lot No.: 04602JH
MW: 115.22 g/mol

Date of Analysis: 01 July 2009

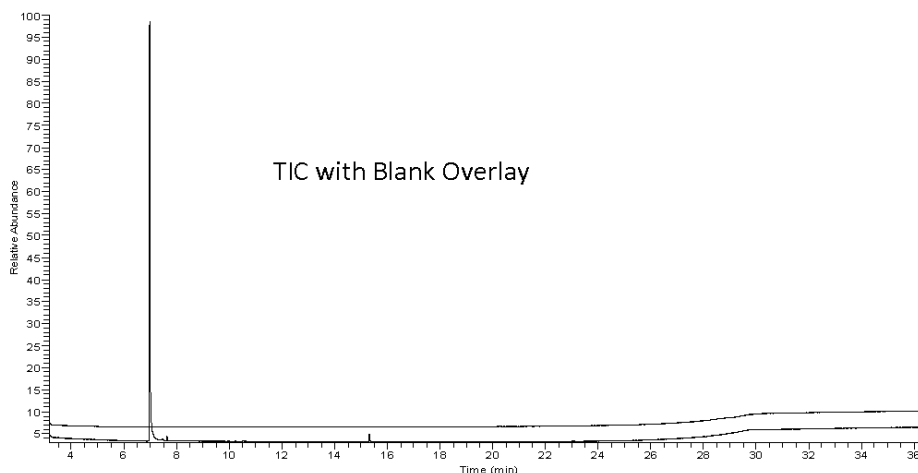
Purity and Identity Results:

Peak Identity	Retention Time (min)	Purity (% Total Area) ^a
Heptylamine	6.97	97.62
unknown	7.62	0.63
unknown	15.31	1.75

^a 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- 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 – 500 amu
Injector Temperature	250°C
Injection Volume / Mode	1 μ 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



00001707#462 RT: 6.95 AU: 1 SB: 6.92-6.94, 7.32-7.32 NL: 2.9265
T: (0.0) x e (0.0) 350.00 Full MS [25.00-500.00]

