

### Chemical Information:

Name: N-Ethyl-N-butylamine

Date of Analysis: 21 May 2009

CAS No.: 13360-63-9

Supplier: Sigma-Aldrich

Tox21\_ID No.: Tox21\_201096

Lot No.: 313949/1

NTP\_CID No.: 803

MW: 101.19 g/mol

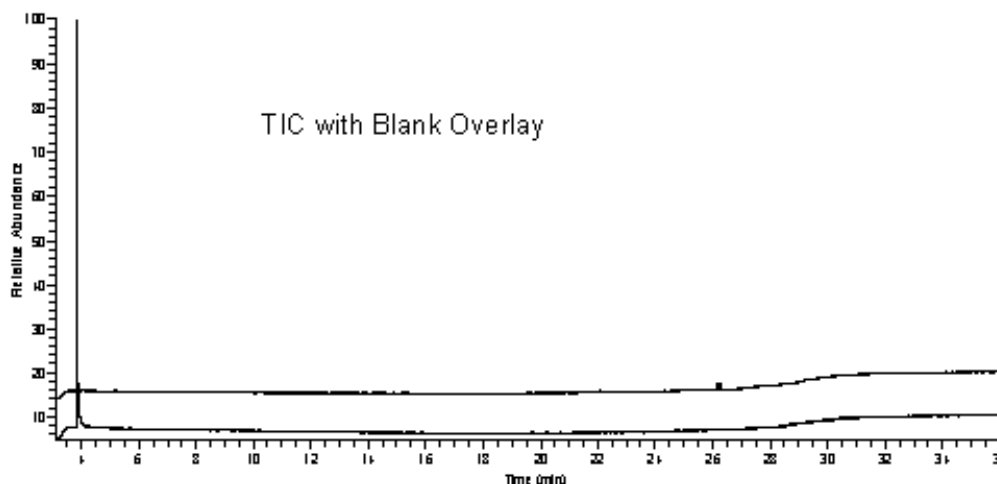
### Purity and Identity Results:

Peak Identity	Retention Time (min)	Purity (% Total Area) <sup>a</sup>
N-Ethyl-N-butylamine	3.84	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	Acetone
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, v 1.2 and NIST Library v 2.0, build 7/23/2008


ON 20110905 RT: 3.84 AC 1 SM-2 3.30, 3.91 NL: 31366  
T: 0.00 + c: 0.00 + 0.00 Full ms (25.00-500.00)
