

Chemical Information:

Name: Ethanamine, N-ethyl-N-hydroxy-
CAS No.: 3710-84-7 Supplier: Sigma-Aldrich
Tox21_ID No.: Tox21_200264 Lot No.: 05912HH
NTP_CID No.: 3055 MW: 89.14 g/mol

Date of Analysis: 04 September 2015

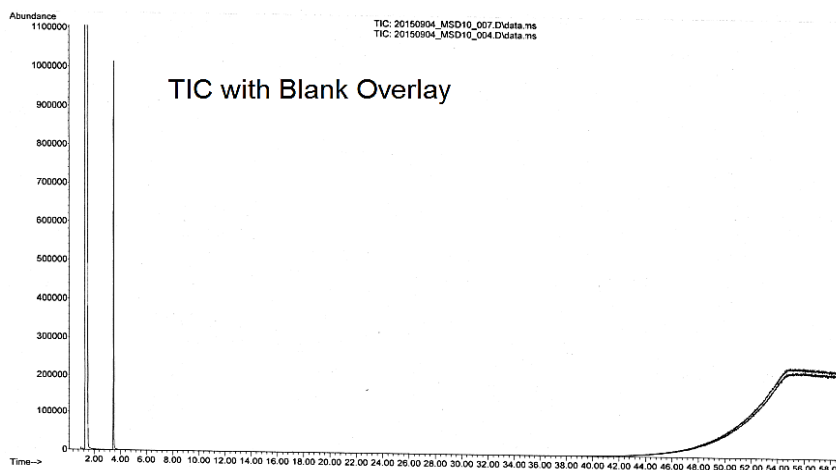
Purity and Identity Results:

| Peak Identity | Retention Time (min) | Purity (% Total Area) ^a |
|--------------------------------|----------------------|------------------------------------|
| Ethanamine, N-ethyl-N-hydroxy- | 3.51 | 100.00 |

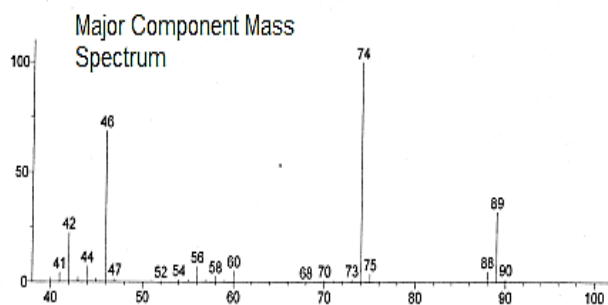
^a Peaks comprising $\geq 0.5\%$ of total area.

GC/MS Instrument Parameters:

| | |
|-------------------------|--|
| Instrument / Ionization | Gas Chromatograph with Mass Spectrometer / Electron Impact |
| Solvent | Ethanol |
| Column | Rtx-5 MS, 30 m x 0.25 mm ID, 1- μ m film thickness |
| Carrier Gas | Helium at 2.0 mL/min |
| Oven Program | 50°C, hold 0 min; ramp @ 5°C/min to 320°C, hold 5 min |
| Source Temperature | 230°C |
| Auxiliary Temperature | 250°C |
| Scan Range | 40 – 575 amu |
| Injector Temperature | 250°C |
| Injection Volume / Mode | 1 μ L / Split (10:1) |
| Data Analysis Software | MSD ChemStation, ver F.01.01.2317, NIST Library ver 2.2f, build Dec 2014 |



Unknown: Scan 559 (3.495 min): 20150904_MSD10_007.D\data.ms (-530)
Compound in Library Factor = 625



Hit 1: Diethylhydroxylamine
C4H11NO; MF: 908; RMF: 917; Prob 97.7%; CAS: 3710-84-7; Lib: mainlib; ID: 44592.

NIST Reference Mass Spectrum

