

Chemical Information:

Name: N-Nitrosodiethanolamine
CAS No.: 1116-54-7 Supplier: Sigma-Aldrich
Tox21_ID No.: Tox21_200283 Lot No.: 055K1201
NTP_CID No.: 1071 MW: 134.13 g/mol

Date of Analysis: 11 July 2007

Purity and Identity Results:

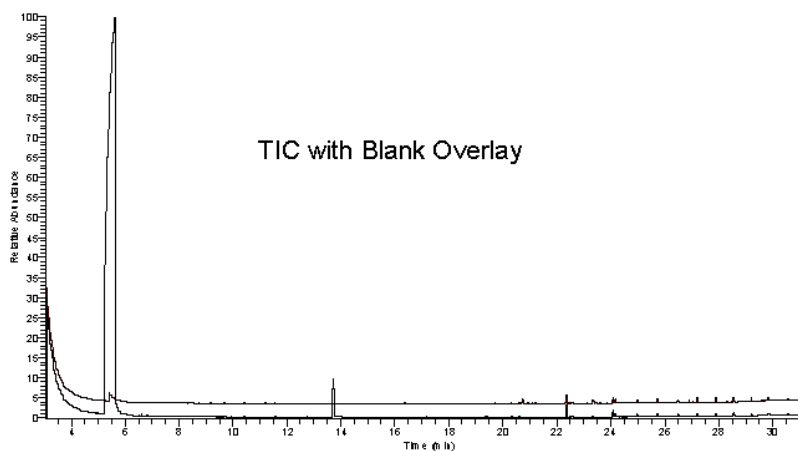
Peak Identity	Retention Time (min)	Purity (% Total Area) ^a
DMSO	5.63	Not applicable
unknown	11.57	1.09
N-Nitrosodiethanolamine	13.72	98.30

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

GC/MS Instrument Parameters:

Instrument / Ionization	ThermoFinnigan TraceGC with ThermoFinnigan TraceMS / Electron Impact
Solvent	Dichloromethane (100 mM in DMSO, diluted 1/1000 with 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 2 min
Source Temperature	250°C
Auxiliary Temperature	250°C
Scan Range	35 – 250 amu
Injector Temperature	250°C
Injection Volume / Mode	2 μ L / Splitless
Run Time	31.5 minutes
Data Analysis Software	Xcalibur, v 1.2 and NIST Library v 1.7, build 11/5/1999

RT: 3.05 - 31.50 SM: 30



07/10/07 07:07:12 12706 #2000 RT: 13.71 AN: 1 NL: 10606
T: (0.0) +0.00e+000.00 File: z (35.00-250.00)

