

# Chemical Information:

Name: N,N'-Diethylcarbanilide  
CAS No.: 85-98-3  
Tox21\_ID No.: Tox21\_200369  
NTP\_CID No.: 1005

Date of Analysis: 10 October 2007

Supplier: Sigma-Aldrich  
Lot No.: 04710HY  
MW: 268.35 g/mol

## Purity and Identity Results:

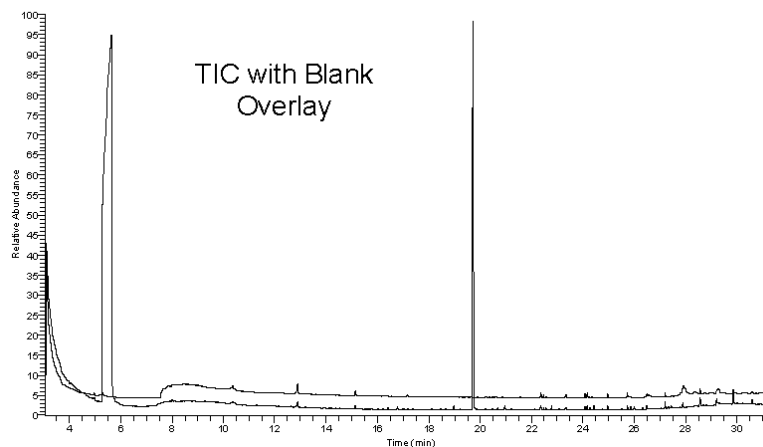
Peak Identity	Retention Time (min)	Purity (% Total Area) <sup>a</sup>
DMSO	5.64	Not applicable
Unknown	18.96	0.61
N,N'-Diethylcarbanilide	19.72	95.18
Unknown	22.77	0.81

<sup>a</sup> Peaks comprising ≥ 0.5% of total area.

## GC/MS Instrument Parameters:

Instrument / Ionization	Gas Chromatograph / Mass Spectrometer / 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-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 2 min
Source Temperature	250°C
Auxiliary Temperature	250°C
Scan Range	50 – 350 amu
Injector Temperature	250°C
Injection Volume / Mode	2 μL / Splitless
Run Time	31.5 minutes
Data Analysis Software	Xcalibur, v 1.2 and NIST Library v 1.7, build 11/5/1999

RT: 3.05-31.49 SM 3 G



07/10/10 K2005 RT: 19.71 AU: 1 SB: 2 1888, 18.88 NL: 4.33E8  
T: (32) = c: Blank-250.00 Ref: ms (50.00-350.00)

