

Chemical Information:

Name: N'-Methyl-N,N-diphenylurea
CAS No.: 13114-72-2 Supplier: Sigma-Aldrich
Tox21_ID No.: Tox21_200786 Lot No.: 13311LQ
NTP_CID No.: 1068 MW: 226.27 g/mol

Date of Analysis: 17 September 2007

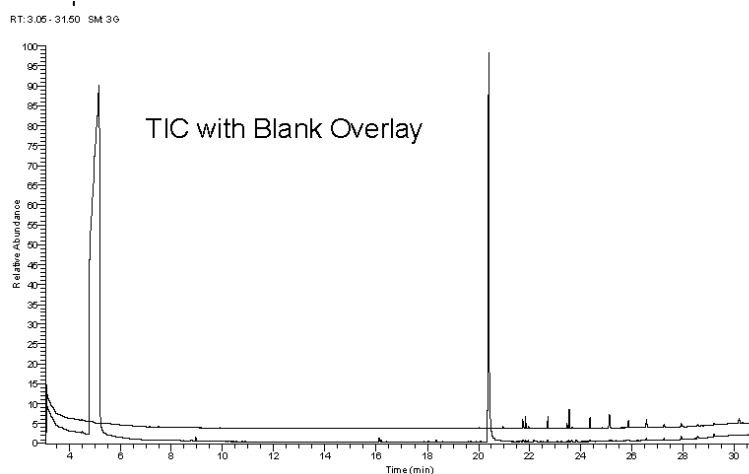
Purity and Identity Results:

| Peak Identity | Retention Time (min) | Purity (% Total Area) ^a |
|----------------------------|----------------------|------------------------------------|
| DMSO | 5.17 | Not applicable |
| Unknown | 8.93 | 0.60 |
| Unknown | 16.11 | 0.77 |
| N'-Methyl-N,N-diphenylurea | 20.41 | 97.45 |

^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 | 50 – 350 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 2.2, build Jun 10, 2014 |



0711909 #2088 RT: 20.41 AU: 1 NL: 3.83E8
T: (0.0) = c (0) det=50.00 Full ms [50.00-350.00]

