

### Chemical Information:

Name: N-Isopropylaniline

Date of Analysis: 11 July 2007

CAS No.: 768-52-5

Supplier: Sigma-Aldrich

Tox21\_ID No.: Tox21\_200360

Lot No.: 20230EA

NTP\_CID No.: 1055

MW: 135.21 g/mol

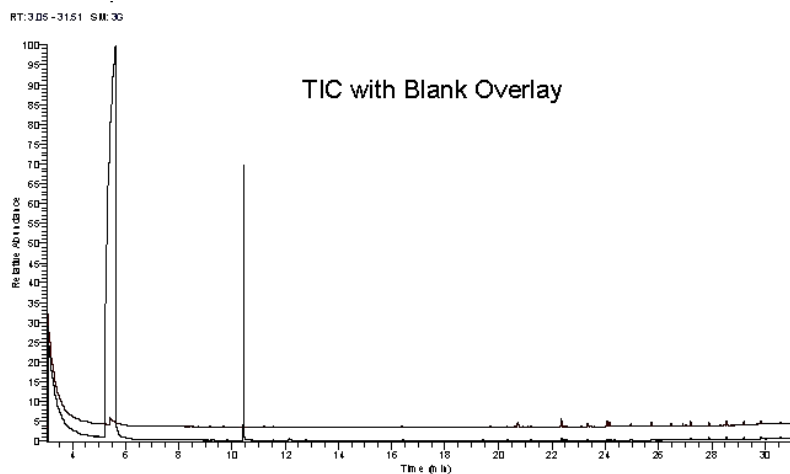
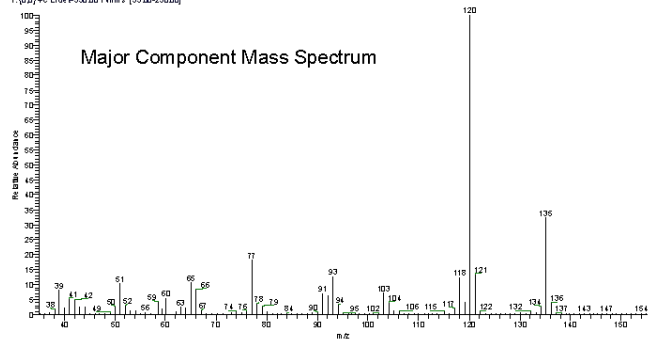
### Purity and Identity Results:

| Peak Identity      | Retention Time (min) | Purity (% Total Area) <sup>a</sup> |
|--------------------|----------------------|------------------------------------|
| DMSO               | 5.63                 | Not applicable                     |
| N-Isopropylaniline | 10.45                | 99.04                              |
| unknown            | 12.14                | 0.84                               |

<sup>a</sup> Peaks comprising ≥ 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-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              | 35 – 250 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               |


DTG1005\_010112104704 #1944 RT: 10.43 AU: 1 NL: 3.4105  
T: (0.0) +0.000000 Filter: (35.00-250.00)


NIST Reference Mass Spectrum

