A

**Chemical Information:**

Name: Formanilide
CAS No.: 103-70-8
Tox21_ID No.: Tox21_200271
NTP_CID No.: 815

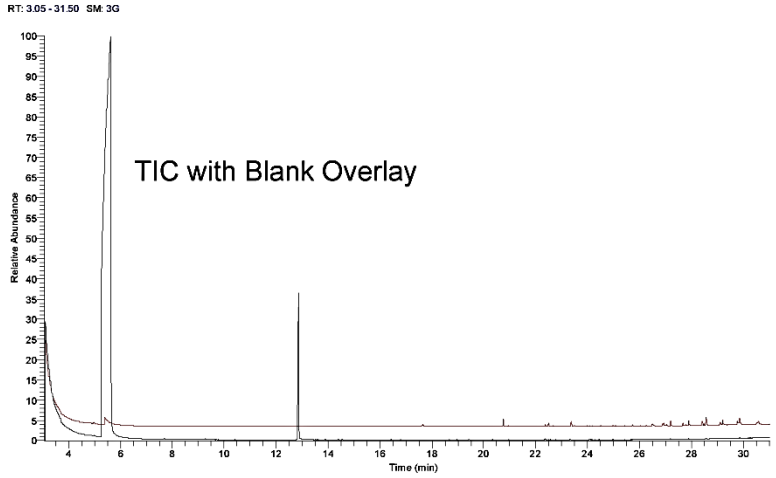
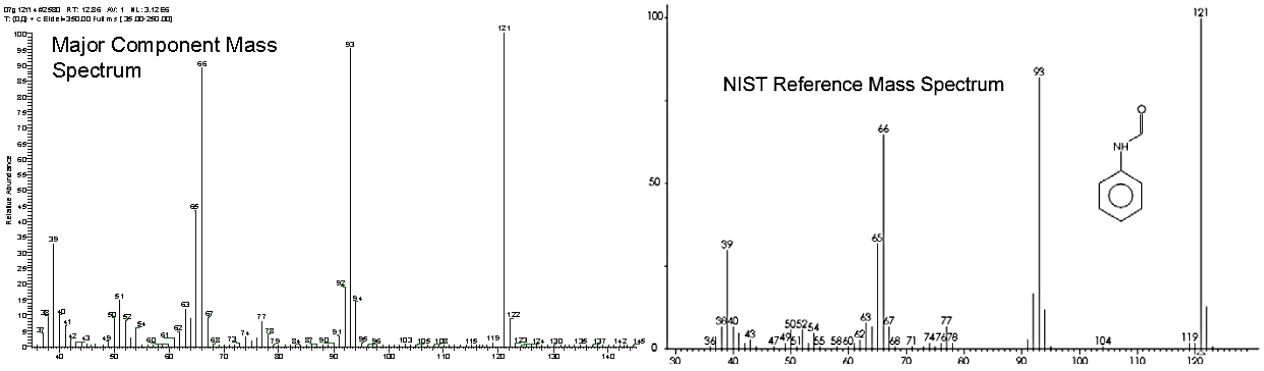
Supplier: Sigma-Aldrich
Lot No.: 10003HC
MW: 121.14 g/mol

Date of Analysis: 12 July 2007

**Purity and Identity Results:**

| Peak Identity | Retention Time (min) | Purity (% Total Area)[a] |
|---|---|---|
| DMSO | 5.64 | Not applicable |
| Formanilide | 12.87 | 99.38 |

[a] Peaks comprising ≥ 0.5% of total area.

**GC/MS Instrument Parameters:**

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|---|---|
| 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 |