

Chemical Information:

Name: m-Aminoacetanilide
CAS No.: 102-28-3
Tox21_ID No.: Tox21_200881
NTP_CID No.: 921

Supplier: Sigma-Aldrich
Lot No.: 07413JC
MW: 150.18 g/mol

Date of Analysis: 12 July 2007

Purity and Identity Results:

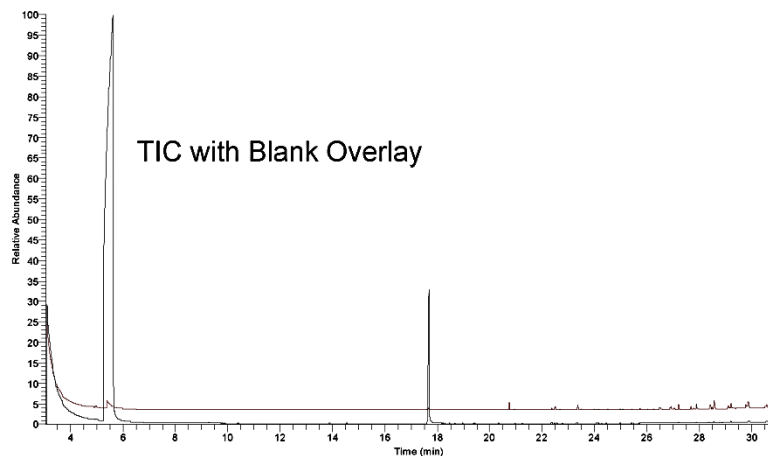
| Peak Identity | Retention Time (min) | Purity (% Total Area) ^a |
|--------------------|----------------------|------------------------------------|
| DMSO | 5.63 | Not applicable |
| m-Aminoacetanilide | 17.69 | 99.92 |

^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: 3G



01/12/13 #3837 RT: 17.66 AU: 1 NL: 3.24E5
T: 0.00 - 0.01 det=350.00 Full ms [35.00-250.00]

Major Component Mass Spectrum

