

## Date of Analysis: 22 March 2007

Supplier: Sigma-Aldrich  
Lot No.: 14713MC  
MW: 121.14 g/mol

Peak Identity	Retention Time (min)	Purity (% Total Area) <sup>a</sup>
DMSO	5.40	Not applicable
Benzamide	12.89	100.00

<sup>a</sup> Peaks comprising  $\geq 0.5\%$  of total area.

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	50 – 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

