

Chemical Information:

Name: m-Cresidine
CAS No.: 102-50-1
Tox21_ID No.: Tox21_201440
NTP_CID No.: 929

Supplier: Sigma-Aldrich
Lot No.: 09927DC
MW: 137.18 g/mol

Date of Analysis: 28 March 2007

Purity and Identity Results:

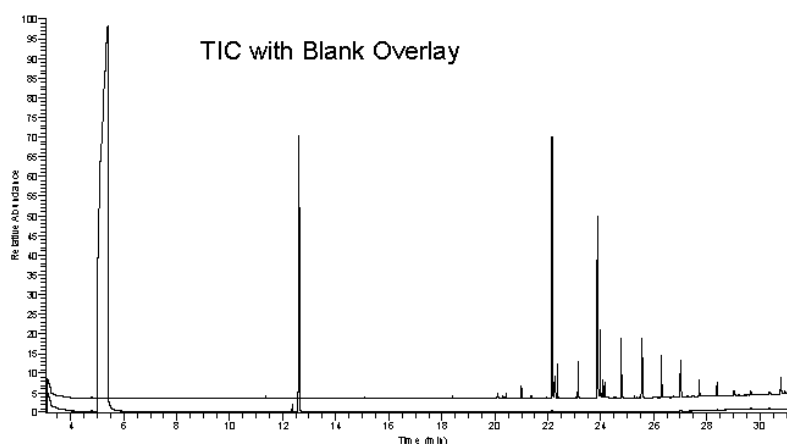
Peak Identity	Retention Time (min)	Purity (% Total Area) ^a
DMSO	5.40	Not applicable
unknown	12.36	2.83
m-Cresidine	12.61	96.90

^a Peaks comprising $\geq 0.5\%$ of total area.

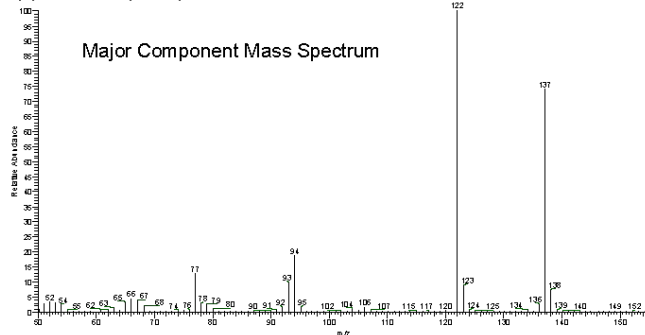
GC/MS Instrument Parameters:

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 – 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 - 31.49 SEC



07-02921-1#151 RT: 12.59 SEC 1 SEC 1.22.10 N.L. 2.2305
T: (D) + c Elide 350.00 File s (30.00-250.00)



NIST Reference
Mass Spectrum

