

Chemical Information:

Name: N-Ethyl-4-methylbenzenesulfonamide Date of Analysis: 28 March 2007
CAS No.: 80-39-7 Supplier: Sigma-Aldrich
Tox21_ID No.: Tox21_200266 Lot No.: 09208LU
NTP_CID No.: 1040 MW: 199.27 g/mol

Purity and Identity Results:

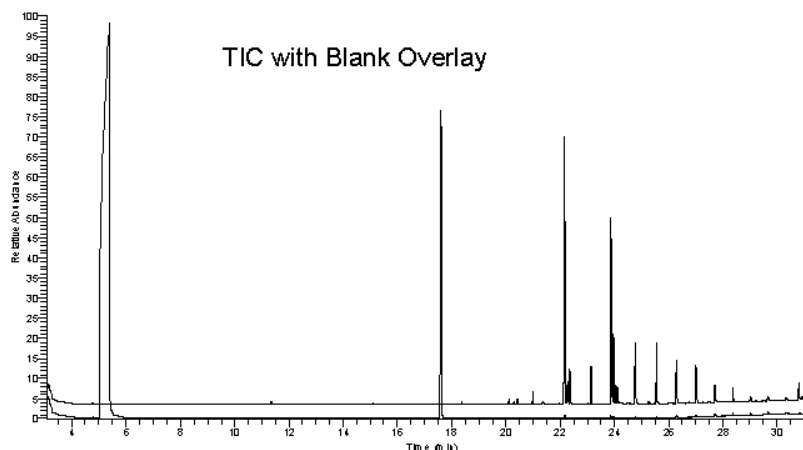
Peak Identity	Retention Time (min)	Purity (% Total Area) ^a
DMSO	5.38	Not applicable
N-Ethyl-4-methylbenzenesulfonamide	17.62	99.80

^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 - 31.50 SM: 30



07-02-2007 #1154 RT: 17.62 AUC: 1 SE: 2.1745, 17.72 NL: 3.5565
T: (D0) + c21deh-300.00 Films (50.00-250.00)

