

Chemical Information:

Name: o-Cresol
CAS No.: 95-48-7
Tox21_ID No.: Tox21_202305
NTP_CID No.: 1099

Supplier: Merichem Company
Lot No.: RC-890
MW: 108.14 g/mol

Date of Analysis: 30 August 2007

Purity and Identity Results:

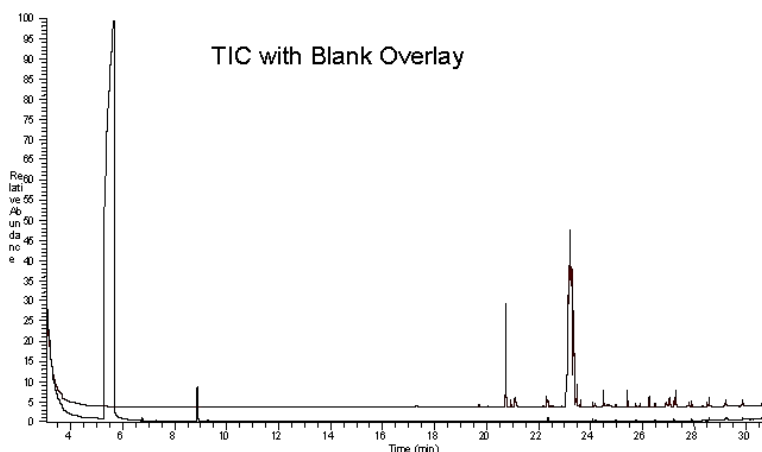
Peak Identity	Retention Time (min)	Purity (% Total Area) ^a
DMSO	5.65	Not applicable
unknown	7.72	1.84
o-Cresol	8.88	98.16

^a Peaks comprising ≥ 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-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

RT:3.05-31.49 SM3G



07-12-08 11:53:00 RT: 8.881 AC: 1 NL: 1.0205
T: (S) + c E: 0.0-300.00 F: 0.00 (35.00-250.00)

