

Chemical Information:

Name: 2,3-Dimethyl phenol
CAS No.: 526-75-0
Tox21_ID No.: Tox21_201831
NTP_CID No.: 142

Supplier: Sigma-Aldrich
Lot No.: 09228MD
MW: 122.16 g/mol

Date of Analysis: 16 August 2007

Purity and Identity Results:

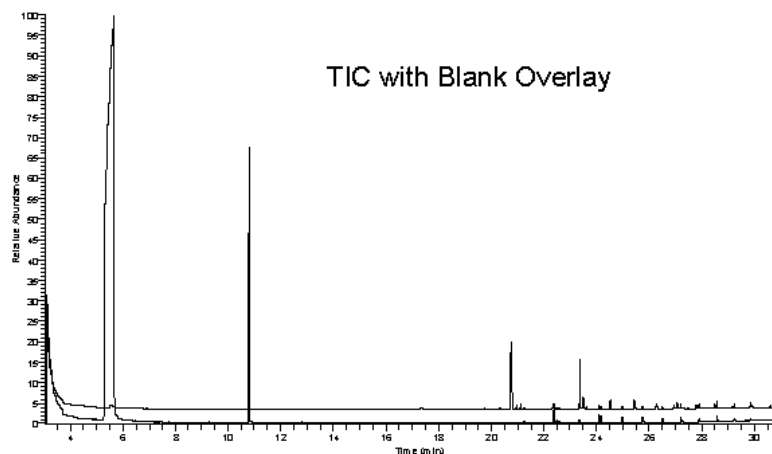
Peak Identity	Retention Time (min)	Purity (% Total Area) ^a
DMSO	5.65	Not applicable
2,3-Dimethyl phenol	10.80	99.90

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

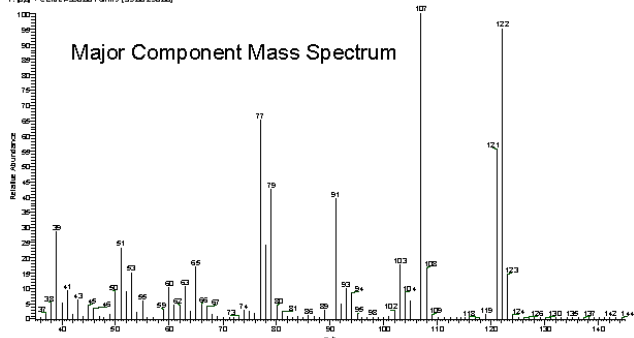
GC/MS Instrument Parameters:

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	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

R.T: 3.05-31.49 S.M: 30



07/16/21 6:20:36 RT: 10.79 AC: 1 AL: 3.2166
T: 0.12 C: 0.000000 F: 0.000000



NIST Reference Mass Spectrum

