

Chemical Information:

Name: o-Chlorophenol
CAS No.: 95-57-8
Tox21_ID No.: Tox21_201410
NTP_CID No.: 1096

Supplier: Sigma-Aldrich
Lot No.: 08118BC
MW: 128.56 g/mol

Date of Analysis: 05 February 2008

Purity and Identity Results:

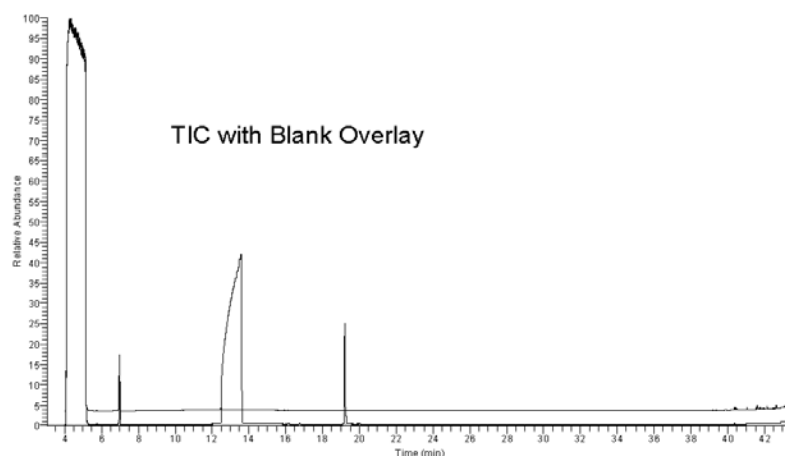
Peak Identity	Retention Time (min)	Purity (% Total Area) ^a
DMSO	13.59	Not applicable
o-Chlorophenol	19.23	98.63

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

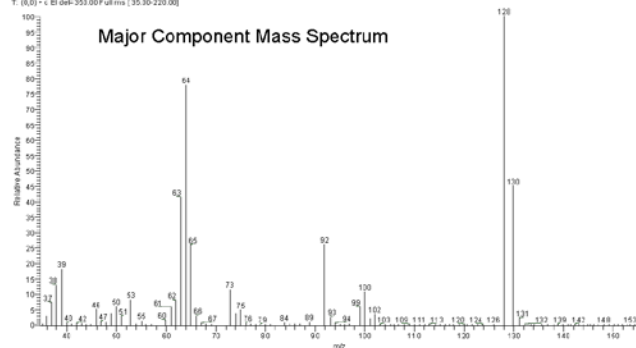
GC/MS Instrument Parameters:

Instrument / Ionization	Gas Chromatograph / Mass Spectrometer / 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	10°C, hold 4 min; ramp @ 4°C/min to 120°C, hold 0 min; ramp @ 15°C/min to 300°C
Source Temperature	250°C
Auxiliary Temperature	250°C
Scan Range	35 – 220 amu
Injector Temperature	250°C
Injection Volume / Mode	2 μ L / Splitless
Run Time	43.5 minutes
Data Analysis Software	Xcalibur, v 1.2 and NIST Library v 1.7, build 11/5/1999

RT: 3.05-43.50 SM: 30



0805074 #1827 RT: 19.23 AU: 1 SR: 2 19.06, 19.53 AU: 4.27E6
Y: (6.0) - e-81 det: 353.00 F, 0.1 ms (35.30-220.00)



NIST Reference Mass Spectrum

