

Chemical Information:

Name: 4-Chloro-o-cresol

Date of Analysis: 27 June 2007

CAS No.: 1570-64-5

Supplier: Sigma-Aldrich

Tox21_ID No.: Tox21_202018

Lot No.: 10729LS

NTP_CID No.: 1159

MW: 142.58 g/mol

Purity and Identity Results:

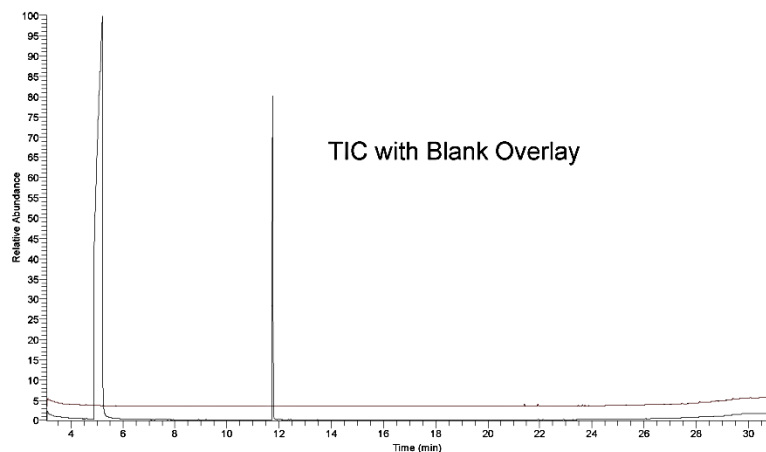
Peak Identity	Retention Time (min)	Purity (% Total Area) ^a
DMSO	5.22	Not applicable
4-Chloro-o-cresol	11.74	99.59

^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	50 – 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 - 31.50 SM: 3G


070721 #1049 RT: 11.74 AU: 1 NL: 3.43E6
T: (0.0) - c (0.0) det: 350.00 Full ms [50.00-250.00]

Major Component Mass Spectrum

