

Chemical Information:

Name: 3,5-Dichlorophenol

Date of Analysis: 10 April 2007

CAS No.: 591-35-5

Supplier: Sigma-Aldrich

Tox21_ID No.: Tox21_200931

Lot No.: 15809KI

NTP_CID No.: 315

MW: 163.00 g/mol

Purity and Identity Results:

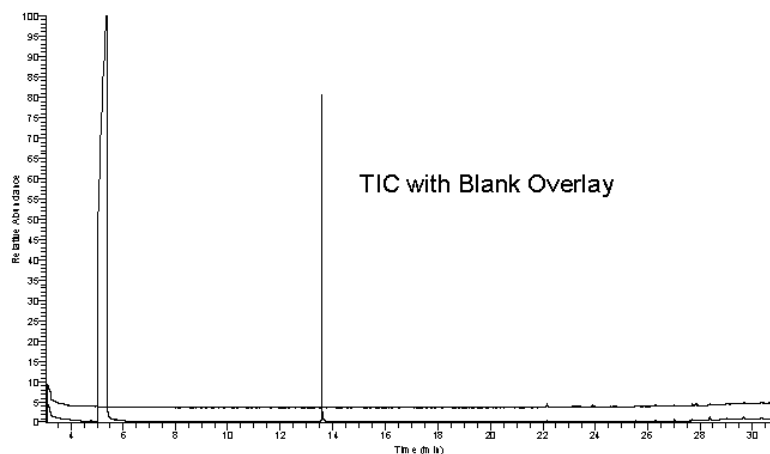
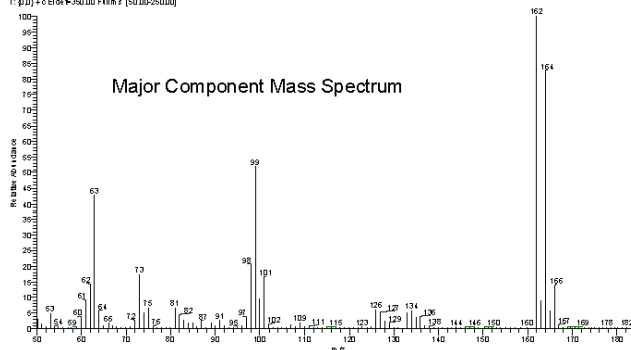
Peak Identity	Retention Time (min)	Purity (% Total Area) ^a
DMSO	5.37	Not applicable
3,5-Dichlorophenol	13.58	99.86

^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 - 31.49 SIM: 30


07/10/07 #1269 RT: 13.58 AC: 1 NL: 3.2266
T: P101 v: 1.000000 File: f (50.00-250.00)


NIST Reference Mass Spectrum

