

Chemical Information:

Name: 3,4-Dichlorophenol

Date of Analysis: 20 January 2009

CAS No.: 95-77-2

Supplier: Sigma-Aldrich

Tox21_ID No.: Tox21_200675

Lot No.: 02318ED

NTP_CID No.: 307

MW: 163.00 g/mol

Purity and Identity Results:

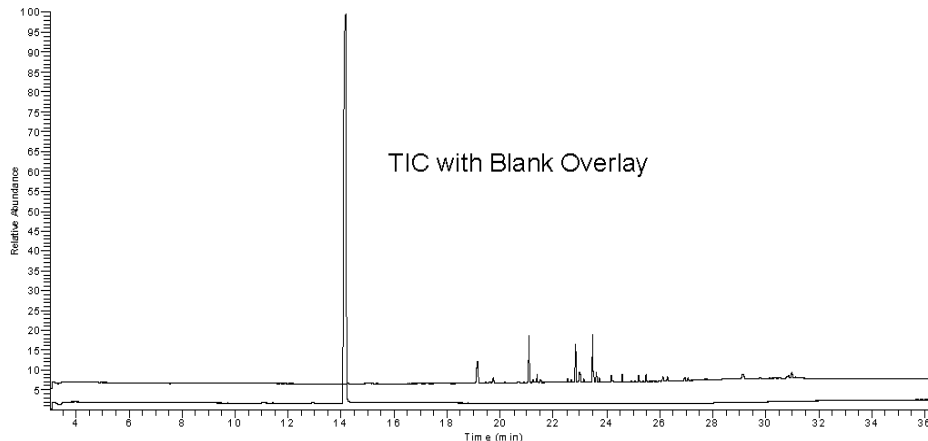
Peak Identity	Retention Time (min)	Purity (% Total Area) ^a
3,4-Dichlorophenol	14.17	99.51

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

GC/MS Instrument Parameters:

Instrument / Ionization	Gas Chromatograph with Mass Spectrometer / Electron Impact
Solvent	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 7 min
Source Temperature	250°C
Auxiliary Temperature	250°C
Scan Range	25 – 350 amu
Injector Temperature	250°C
Injection Volume / Mode	1 μ L / Split (10:1)
Run Time	36.5 minutes
Data Analysis Software	Xcalibur, v 1.2 and NIST Library v 2.0, build 7/23/2008

RT: 3.01 - 36.50 SM: 3G


00A20711 #1328 RT: 14.07 AU: 1 SB: 2 14.05, 14.10 NL: 1.84E6
T: (0.0) + (-81) scan300.00 Full ms (28.00-360.00)
