

# Chemical Information:

Name: 2,6-Dichlorophenol

Date of Analysis: 4 Apr 2007

CAS No.: 87-65-0

Supplier: Sigma-Aldrich

Tox21\_ID No.: Tox21\_200775

Lot No.: 03518LN

NTP\_CID No.: 192

MW: 163.00 g/mol

## Purity and Identity Results:

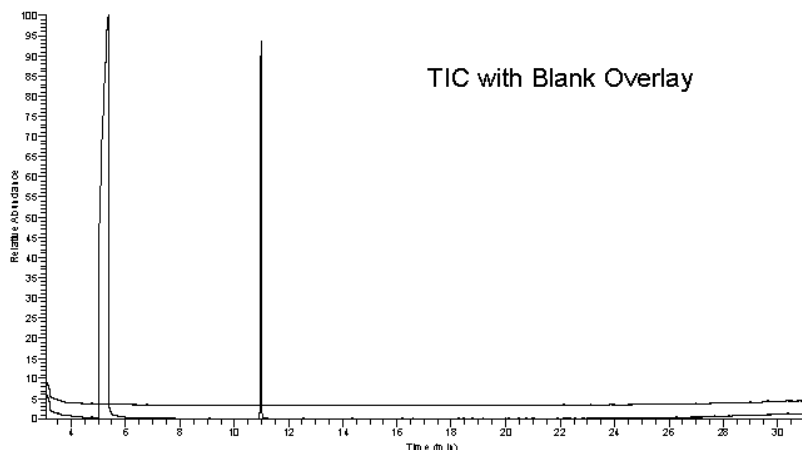
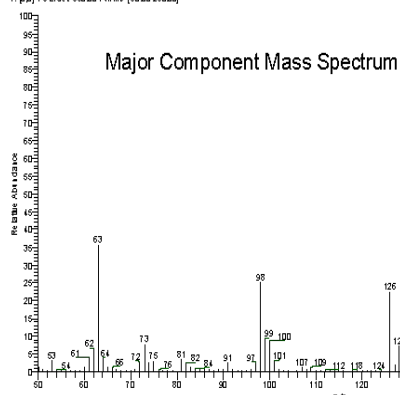
Peak Identity	Retention Time (min)	Purity (% Total Area) <sup>a</sup>
DMSO	5.36	Not applicable
2,6-Dichlorophenol	10.99	99.69

<sup>a</sup> 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: 36


07:00:41.2 #656 RT: 10.97 AC: 1 SE: 2.831.843 NL: 32085  
T: 0.02 + c E: 0.0e+50.00 File ref: [50.00-250.00]


## NIST Reference Mass Spectrum

