

Date of Analysis: 4 Apr 2007

CAS No.: 120-83-2

Supplier: Sigma-Aldrich

Tox21 ID No.: Tox21 201589

Lot No.: 05904KI

NTP\_CID No.: 166

MW: 163.00 g/mol

### Purity and Identity Results:

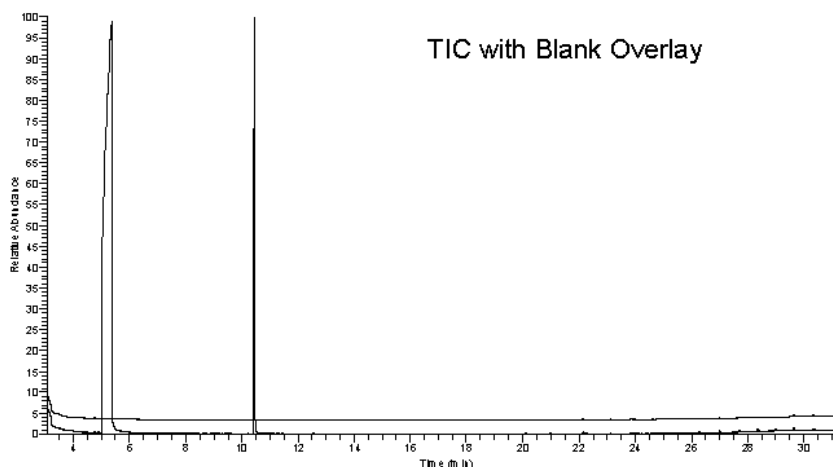
Peak Identity	Retention Time (min)	Purity (% Total Area) <sup>a</sup>
DMSO	5.36	Not applicable
2,4-Dichlorophenol	10.45	99.78

<sup>a</sup> Peaks comprising  $\geq 0.5\%$  of total area.

**GC/MS Instrument Parameters:**

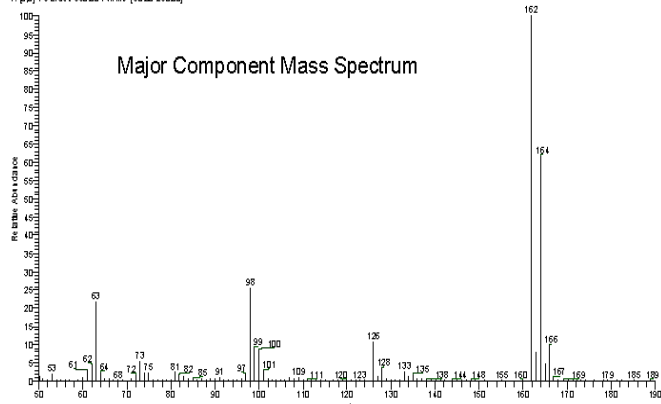
Instrument / Ionization	ThermoFinnigan TraceGC with ThermoFinnigan TraceMS / Electron Impact
Solvent	Dichloromethane (100 mM in DMSO, diluted 1/1000 with dichloromethane)
Column	J&W Scientific HP-5MS, 30 m x 0.25 mm ID, 0.25-µm film thickness
Carrier Gas	Helium at 1.0 mL/min
Oven Program	35°C, hold 2 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



TIC with Blank Overlay

07:04:16 #892 RT: 10.44 AW: 1 SB: 2 10.39, 10.50 NL: 2.14 E6  
T: 0.0] + c Elide 350.00 Fillms [50.00-250.00]



Major Component Mass Spectrum

NIST Reference Mass Spectrum

