

Chemical Information:

Name: 3,5-Dichlorobenzoic acid
CAS No.: 51-36-5 Supplier: Sigma-Aldrich
Tox21_ID No.: Tox21_200155 Lot No.: 05707BO
NTP_CID No.: 314 MW: 191.01 g/mol

Date of Analysis: 26 September 2007

Purity and Identity Results:

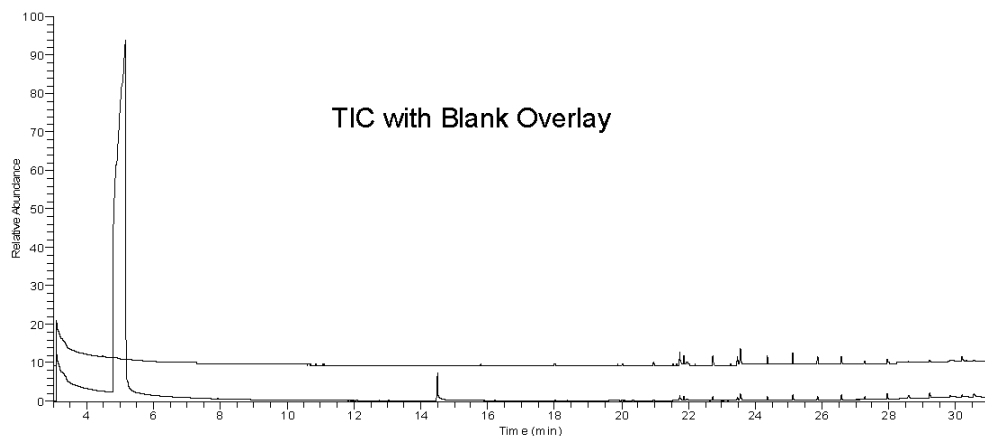
Peak Identity	Retention Time (min)	Purity (% Total Area) ^a
DMSO	5.17	Not applicable
3,5-Dichlorobenzoic acid	14.49	97.86
Unknown	21.54	2.14

^a Peaks comprising ≥ 0.5% of total area.

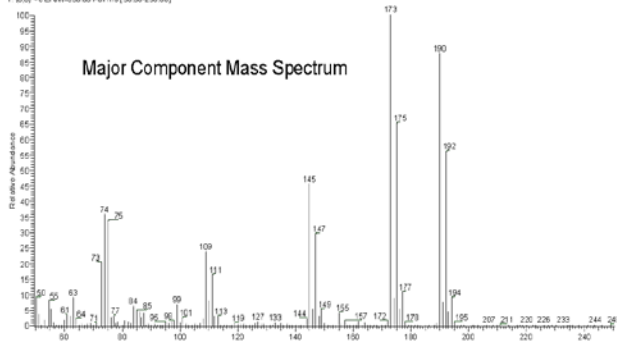
GC/MS Instrument Parameters:

Instrument / Ionization	Gas Chromatograph / Mass Spectrometer / 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: 3.00 - 31.49



3700000-41379 RT: 14.49 A: 1.00 I: 14.44 NL: 3.0005
T: 0.00 - 0.03 4440000 Full MS (50.00-250.00)



NIST Reference Mass Spectrum

