

### Chemical Information:

Name: 2,6-Dichlorobenzoic acid  
CAS No.: 50-30-6  
Tox21\_ID No.: Tox21\_200320  
NTP\_CID No.: 190

Supplier: Sigma-Aldrich  
Lot No.: 08215JB  
MW: 191.01 g/mol

Date of Analysis: 12 January 2009

### Purity and Identity Results:

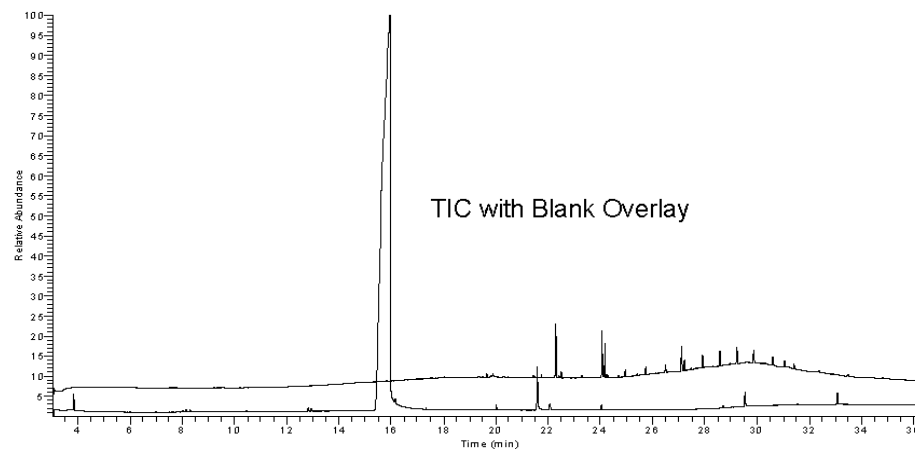
Peak Identity	Retention Time (min)	Purity (% Total Area) <sup>a</sup>
unknown	3.86	0.60
2,6-Dichlorobenzoic acid	15.95	96.43
unknown	21.59	1.30
unknown	33.07	0.63

<sup>a</sup> 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- $\mu$ 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	2 $\mu$ 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: 3.05 - 36.48 SM: 36



08/02/03 #1508 RT: 15.95 AC: 1 NL: 32385  
T: 0.01 s E: 0.00000000 Full MS (25.00-300.00)

