

Chemical Information:

Name: 2,5-Dichloroaniline
CAS No.: 95-82-9
Tox21_ID No.: Tox21_200381
NTP_CID No.: 181

Supplier: Sigma-Aldrich
Lot No.: 02124PU
MW: 162.02 g/mol

Date of Analysis: 26 September 2007

Purity and Identity Results:

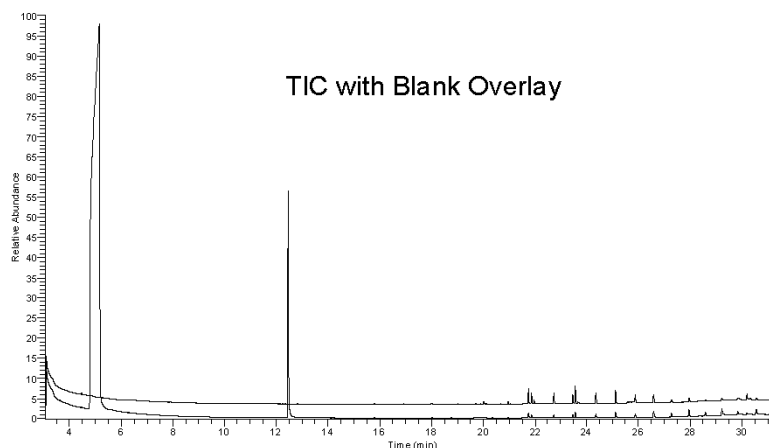
Peak Identity	Retention Time (min)	Purity (% Total Area) ^a
DMSO	5.16	Not applicable
2,5-Dichloroaniline	12.46	99.23
Unknown	21.53	0.52

^a Peaks comprising ≥ 0.5% of total area.

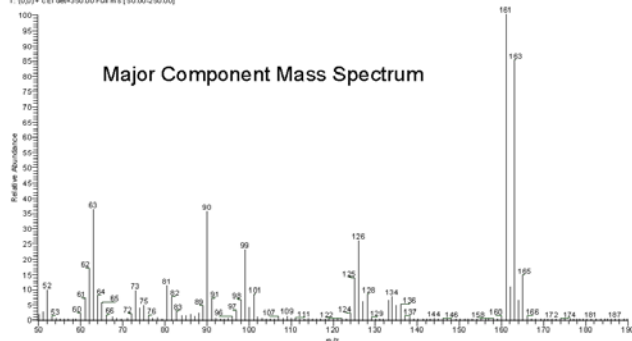
GC/MS Instrument Parameters:

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: 3.05-31.49 SM 30



072613#1135 RT: 12.46 AU: 1 NL: 3.00E6
T: (0.0) + c(1) det=350.00 Full ms [50.00-250.00]



NIST Reference Mass Spectrum

