

Chemical Information:

Name: 2,6-Dichloro-p-phenylenediamine
CAS No.: 609-20-1 Supplier: Sigma-Aldrich
Tox21_ID No.: Tox21_201908 Lot No.: 409273/1
NTP_CID No.: 193 MW: 177.03 g/mol

Date of Analysis: 4 Apr 2007

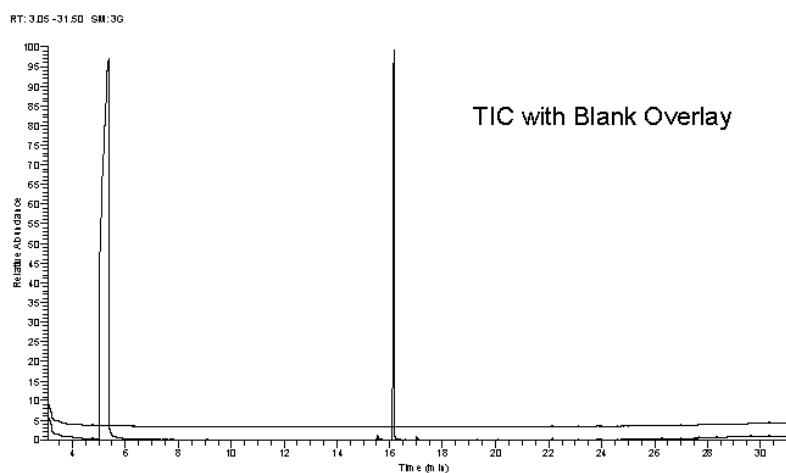
Purity and Identity Results:

Peak Identity	Retention Time (min)	Purity (% Total Area) ^a
DMSO	5.36	Not applicable
Unknown	15.54	1.97
2,6-Dichloro-p-phenylenediamine	16.14	97.10
Unknown	17.02	0.79

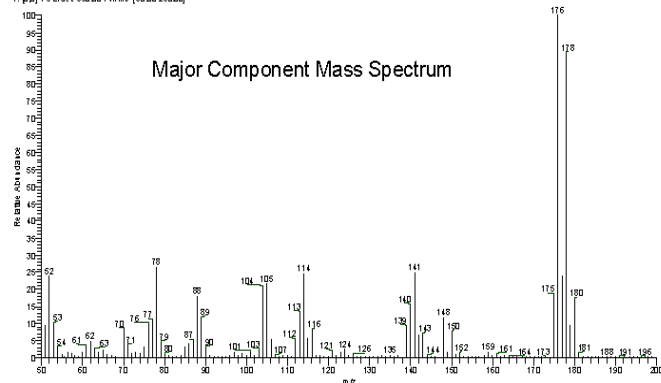
^a Peaks comprising ≥ 0.5% of total area.

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



07/04/07 #1619 RT: 16.13 AC: 1 NL: 3.5366
T: 0.00 s E: 0.00 s F: 0.00 s S: 0.00 s



NIST Reference Mass Spectrum

