

### Chemical Information:

Name: 4-Chloro-4'-aminodiphenylether  
CAS No.: 101-79-1 Supplier: Sigma-Aldrich  
Tox21\_ID No.: Tox21\_200985 Lot No.: 06905TH  
NTP\_CID No.: 4118 MW: 219.67 g/mol

Date of Analysis: 04 September 2015

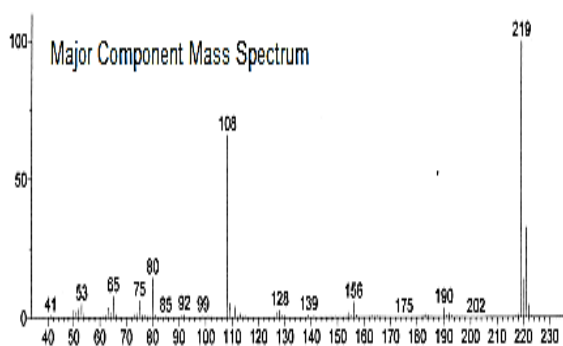
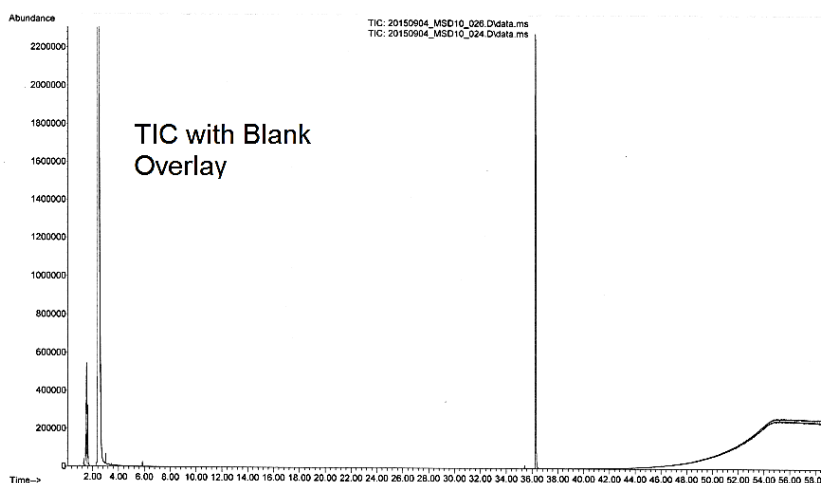
### Purity and Identity Results:

Peak Identity	Retention Time (min)	Purity (% Total Area) <sup>a</sup>
Unknown	35.43	0.70
4-Chloro-4'-aminodiphenylether	36.29	99.30

<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	Chloroform
Column	Rtx-5 MS, 30 m x 0.25 mm ID, 1- $\mu$ m film thickness
Carrier Gas	Helium at 2.0 mL/min
Oven Program	50°C, hold 0 min; ramp @ 5°C/min to 320°C, hold 5 min
Source Temperature	230°C
Auxiliary Temperature	250°C
Scan Range	40 – 575 amu
Injector Temperature	250°C
Injection Volume / Mode	1 $\mu$ L / Split (10:1)
Data Analysis Software	MSD ChemStation, ver F.01.01.2317, NIST Library ver 2.2f, build Dec 2014



Hit 1: Benzenamine, 4-(4-chlorophenoxy)-  
C<sub>12</sub>H<sub>10</sub>ClNO; MF: 936; RMF: 936; Prob 94.9%; CAS: 101-79-1; Lib: mainlib; ID: 195334.

