

### Chemical Information:

Name: o-Chloroaniline  
CAS No.: 95-51-2  
Tox21\_ID No.: Tox21\_200802  
NTP\_CID No.: 1093

Supplier: Sigma-Aldrich  
Lot No.: 1114394  
MW: 127.57 g/mol

Date of Analysis: 18 December 2008

### Purity and Identity Results:

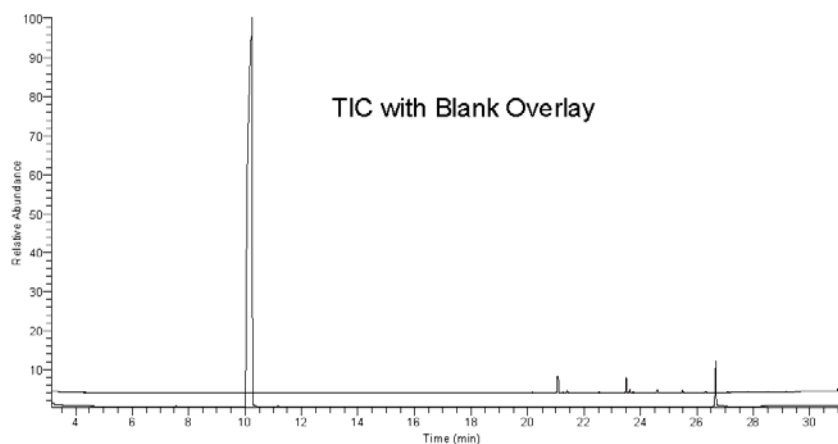
Peak Identity	Retention Time (min)	Purity (% Total Area) <sup>a</sup>
o-Chloroaniline	10.24	96.59
unknown	26.66	3.18

<sup>a</sup> Peaks comprising  $\geq 0.5\%$  of total area.

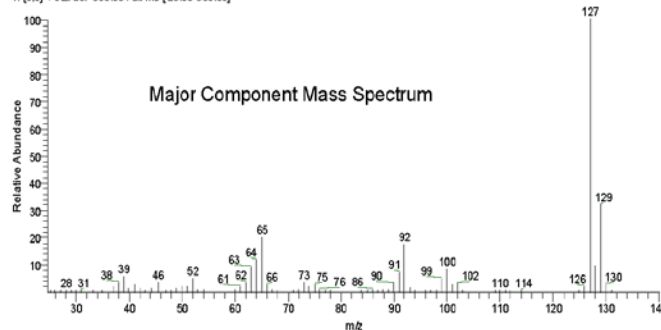
### GC/MS Instrument Parameters:

Instrument / Ionization	Gas Chromatograph with Mass Spectrometer / Electron Impact
Solvent	Dichloromethane (~ 6 mg/mL)
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 2 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	31.5 minutes
Data Analysis Software	Xcalibur, v 1.2 and NIST Library v 2.0, build 7/23/2008

RT: 3.15 - 31.49 SM: 3G



08L18T04 #641 RT: 10.01 AV: 1 SB: 2 9.99 10.27 NL: 1.20E5  
T: (0.0) +cEI del=350.00 Full ms [25.00-350.00]



### NIST Reference Mass Spectrum

