

# Chemical Information:

Name: o-Cresidine  
CAS No.: 16452-01-0  
Tox21\_ID No.: Tox21\_202884  
NTP\_CID No.: 6321

Supplier: Sigma-Aldrich  
Lot No.: 75696DM  
MW: 137.18 g/mol

Date of Analysis: 16 December 2016

## Purity and Identity Results:

Peak Identity	Retention Time (min)	Purity (% Total Area) <sup>a</sup>
o-Cresidine	23.12	98.37
Unknown	25.98	1.63

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

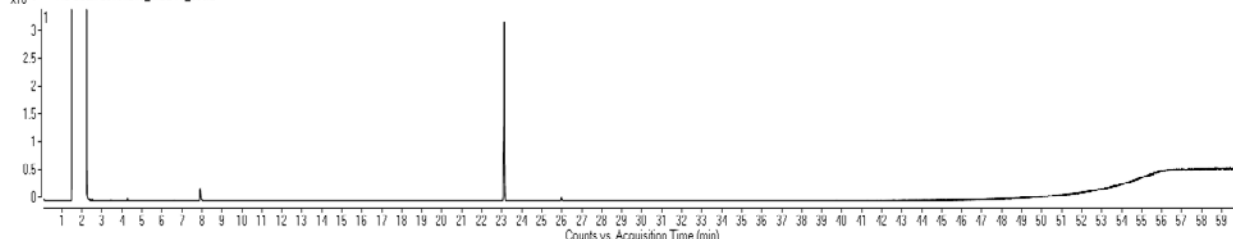
## GC/MS Instrument Parameters:

Instrument / Ionization	Gas Chromatograph with Mass Spectrometer / Electron Impact
Solvent	Acetone
Column	Rtx-5 MS, 30 m x 0.25 mm ID, 1- $\mu$ m film thickness
Carrier Gas	Helium at 1.5 mL/min
Oven Program	50°C, hold 2 min; ramp @ 5°C/min to 315°C, hold 5 min
Source Temperature	230°C
Auxiliary Temperature	250°C
Scan Range	50 – 400 amu
Injector Temperature	250°C
Injection Volume / Mode	1 $\mu$ L / Splitless
Data Analysis Software	MassHunter GC/MS Acquisition B.07.02.1938 / MassHunter Qualitative Analysis B.07.00 Build 7.0.7024.0 / NIST Library Version 2.2f Build 2014

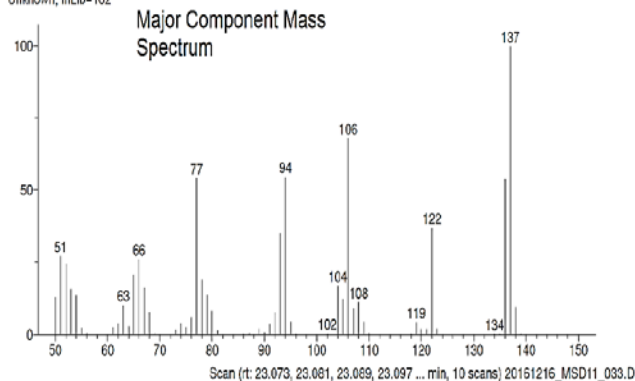
x10<sup>5</sup> • TIC Scan 20161216\_MSD11\_003.D



x10<sup>5</sup> • TIC Scan 20161216\_MSD11\_033.D



Unknown; InLib=162



Hit 1: 3-Methoxy-4-methylaniline  
C<sub>8</sub>H<sub>11</sub>NO, MF: 890, RMF: 891, Prob 81.8%, CAS: 16452-01-0; Lib: mainlib; ID: 99843.

