

Chemical Information:

Name: p-Phenetidine
CAS No.: 156-43-4
Tox21_ID No.: Tox21_201946
NTP_CID No.: 1217

Supplier: Sigma-Aldrich
Lot No.: 1130350
MW: 137.18 g/mol

Date of Analysis: 02 February 2009

Purity and Identity Results:

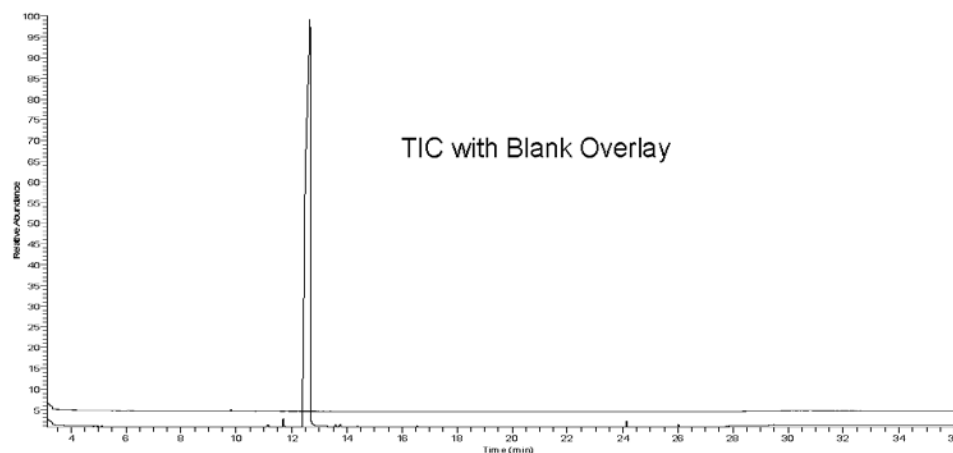
Peak Identity	Retention Time (min)	Purity (% Total Area) ^a
p-Phenetidine	12.68	98.85

^a Peaks comprising $\geq 0.5\%$ of total area.

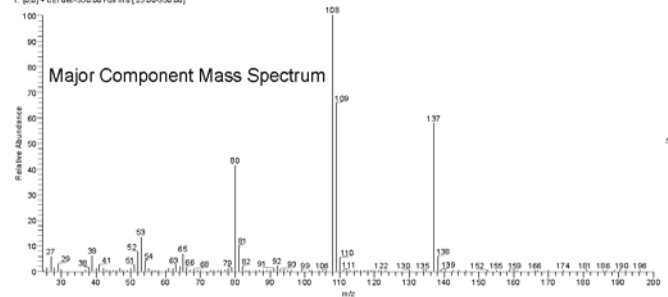
GC/MS Instrument Parameters:

Instrument / Ionization	Gas Chromatograph with Mass Spectrometer / Electron Impact
Solvent	Dichloromethane
Column	J&W Scientific HP-5MS, 30 m x 0.25 mm ID, 0.25- μ 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 7 min
Source Temperature	250°C
Auxiliary Temperature	250°C
Scan Range	25 – 350 amu
Injector Temperature	250°C
Injection Volume / Mode	1 μ L / Split (10:1)
Run Time	36.5 minutes
Data Analysis Software	Xcalibur, v 1.2 and NIST Library v 2.0, build 7/23/2008

RT: 3.16 - 36.40 SM 3G



000016#1138 RT: 12.68 Av: 1.00 2:12.35, 12.79 NL: 1.46E6
1: (5.0) x 0.01 dcm-350.00 Full.ms (20.00-350.00)



NIST Reference Mass Spectrum

