

Chemical Information:

Name: 2-Amino-4-methylphenol
CAS No.: 95-84-1 Supplier: Sigma-Aldrich
Tox21_ID No.: Tox21_200692 Lot No.: 02407MC
NTP_CID No.: 209 MW: 123.15 g/mol

Date of Analysis: 12 January 2009

Purity and Identity Results:

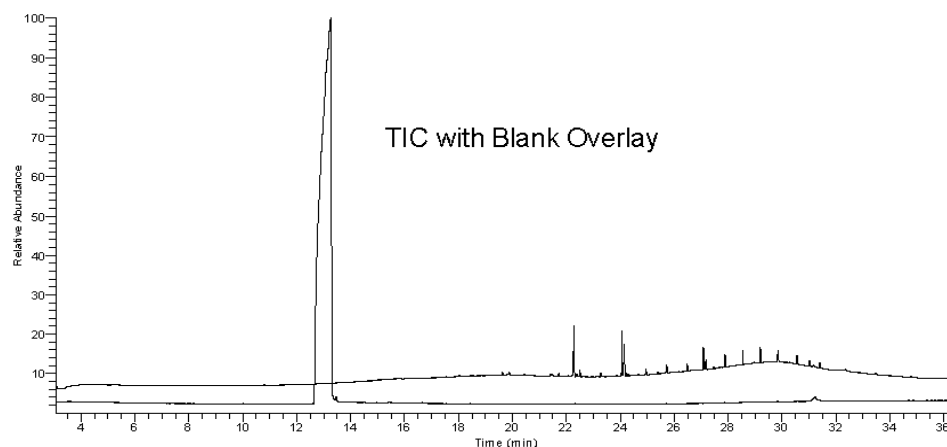
Peak Identity	Retention Time (min)	Purity (% Total Area) ^a
2-Amino-4-methylphenol	13.29	100.00

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

GC/MS Instrument Parameters:

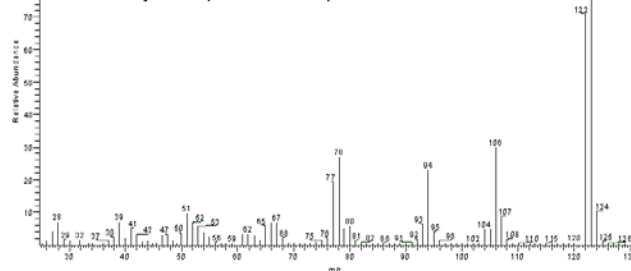
Instrument / Ionization	Gas Chromatograph with Mass Spectrometer / Electron Impact
Solvent	Dichloromethane
Column	J&W Scientific HP-5MS, 30 m x 0.25 mm ID, 0.25- μ m film thickness
Carrier Gas	Helium at 1.0 mL/min
Oven Program	35°C, hold 2 min; ramp @ 10°C/min to 310°C, hold 7 min
Source Temperature	250°C
Auxiliary Temperature	250°C
Scan Range	25 – 350 amu
Injector Temperature	250°C
Injection Volume / Mode	2 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: 3.05 - 36.48 SM: 3 G



00412610 #1164 RT: 12.70 AU: 1 SR: 3 21.83 21.84 21.86 NL: 200 BB
T: (0.0) + e 816e+360.00 Full ms (26.00-360.00)

Major Component Mass Spectrum



NIST Reference Mass Spectrum

