

Chemical Information:

Name: p-Methylcatechol
CAS No.: 452-86-8
Tox21_ID No.: Tox21_200632
NTP_CID No.: 4463

Supplier: Sigma-Aldrich
Lot No.: 1363350
MW: 124.14 g/mol

Date of Analysis: 04 September 2009

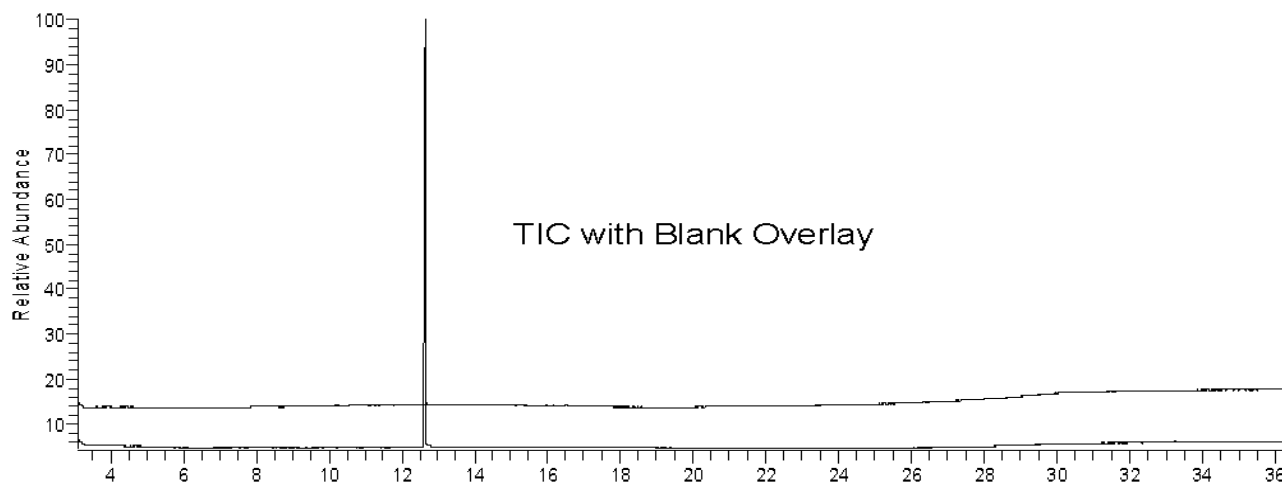
Purity and Identity Results:

Peak Identity	Retention Time (min)	Purity (% Total Area) ^a
p-Methylcatechol	12.65	100.00

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

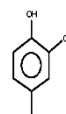
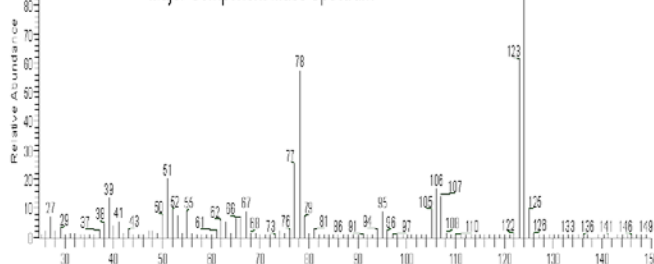
GC/MS Instrument Parameters:

Instrument / Ionization	Gas Chromatograph with Mass Spectrometer / Electron Impact
Solvent	Ethanol
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 – 500 amu
Injector Temperature	250°C
Injection Volume / Mode	1 μ L / Split (100:1)
Data Analysis Software	Xcalibur, v 1.2 and NIST Library v 2.0f, build 10/08/2008



3904714 #1137 RT: 12.65 AU: 1.56 2 12.65 12.70 NL: 1.20E0
T: (0.0) + c: E: det=550.00 Full.ms [25.00-500.00]

Major Component Mass Spectrum



NIST Reference Mass Spectrum

