

Chemical Information:

Name: Hydroquinone monomethyl ether
CAS No.: 150-76-5 Supplier: Sigma-Aldrich
Tox21_ID No.: Tox21_202367 Lot No.: 08407BH
NTP_CID No.: 860 MW: 124.14 g/mol

Date of Analysis: 18 December 2008

Purity and Identity Results:

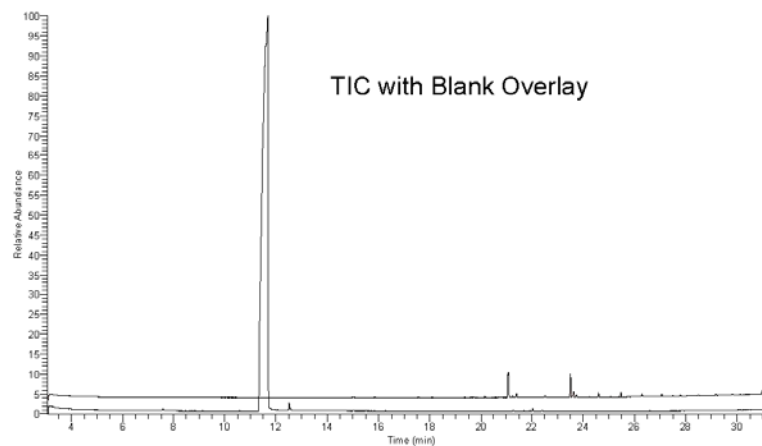
Peak Identity	Retention Time (min)	Purity (% Total Area) ^a
Hydroquinone monomethyl ether	11.68	98.98

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

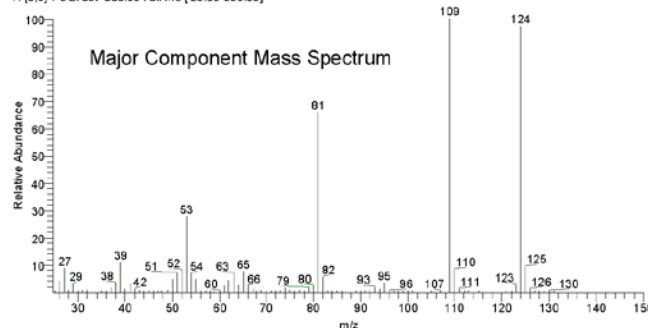
GC/MS Instrument Parameters:

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- 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 2 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	31.5 minutes
Data Analysis Software	Xcalibur, v 1.2 and NIST Library v 2.0, build 7/23/2008

RT: 3.05 - 31.50 SM 3G



0811811 #1001 RT: 11.34 AV: 1 SB: 2 11.32, 11.72 NL: 2.12E6
T: [0.0] + c El det=350.00 Full ms [25.00-350.00]



NIST Reference Mass Spectrum

