

Chemical Information:

Name: 7-Methylquinoline

Date of Analysis: 10 February 2009

CAS No.: 612-60-2

Supplier: Sigma-Aldrich

Tox21_ID No.: Tox21_201146

Lot No.: 06102HN

NTP_CID No.: 425

MW: 143.19 g/mol

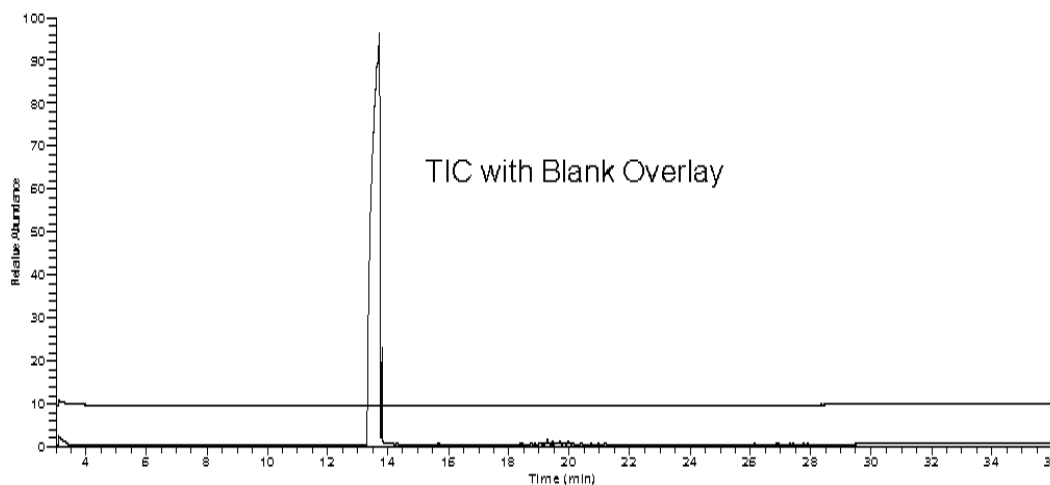
Purity and Identity Results:

Peak Identity	Retention Time (min)	Purity (% Total Area) ^a
7-Methylquinoline	13.72	98.10
unknown	13.79	1.55

^a Peaks comprising ≥ 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-μm 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 μL / 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



0981006 #1236 RT: 13.30 AU: 1.58 2.1318.14.29 NL: 2.1886

T: 01.00 x 7.00 mL/min 140.00 140.00 140.00 140.00 140.00

