

Chemical Information:

Name: 8-Hydroxyquinoline

Date of Analysis: 12 June 2009

CAS No.: 148-24-3

Supplier: Sigma-Aldrich

Tox21_ID No.: Tox21_202986

Lot No.: 03123EH

NTP_CID No.: 426

MW: 145.16 g/mol

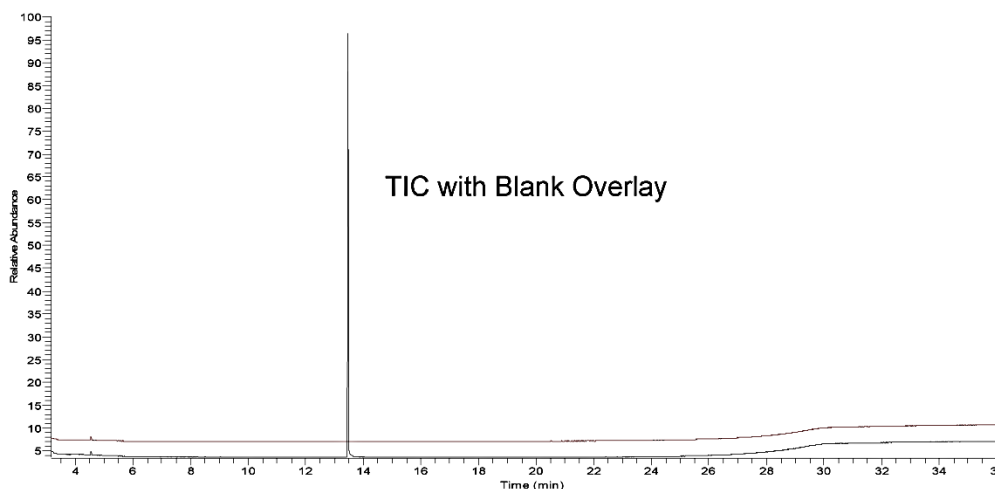
Purity and Identity Results:

Peak Identity	Retention Time (min)	Purity (% Total Area) ^a
8-Hydroxyquinoline	13.47	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	Chloroform
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)
Run Time	36.5 minutes
Data Analysis Software	Xcalibur, v 1.2 and NIST Library v 2.0, build 7/23/2008


09/13/05 #1229 RT: 13.45 AU: 1.88 37 13.23-13.38, 13.76-13.90 NL: 3.4866
T: (0.0) v e 61 data-350.00 Full res [25.00-500.00]
