

Chemical Information:

Name: 4,4'-Dihydroxybenzophenone
CAS No.: 611-99-4 Supplier: Sigma-Aldrich
Tox21_ID No.: Tox21_200550 Lot No.: 02002MH
NTP_CID No.: 5103 MW: 214.22 g/mol

Date of Analysis: 06 August 2009

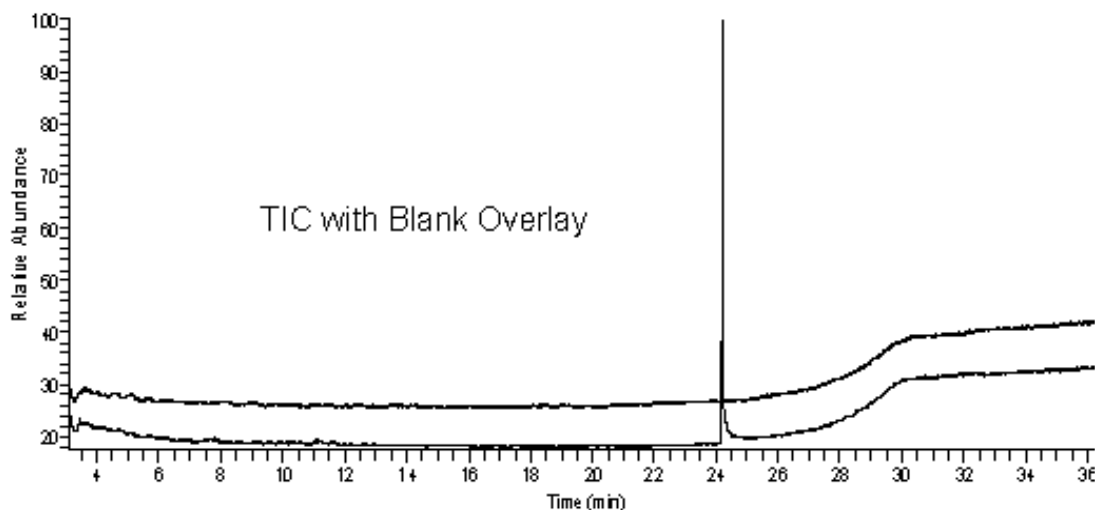
Purity and Identity Results:

Peak Identity	Retention Time (min)	Purity (% Total Area) ^a
4,4'-Dihydroxybenzophenone	24.20	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 (~ 1 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 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, ver 1.2 and NIST Library ver 2.0f, build 10/08/2008



09/08/09 13:02:03 RT: 24.20 min MS: 24.20, 214.05
T: 0.00 + c: 0.00 + s: 0.00 Full MS (25.00-300.00)

