

Chemical Information:

Name: p-Nitrophenol
CAS No.: 100-02-7
Tox21_ID No.: Tox21_202444
NTP_CID No.: 2069

Supplier: Sigma-Aldrich
Lot No.: 06828KH
MW: 139.11 g/mol

Date of Analysis: 19 June 2009

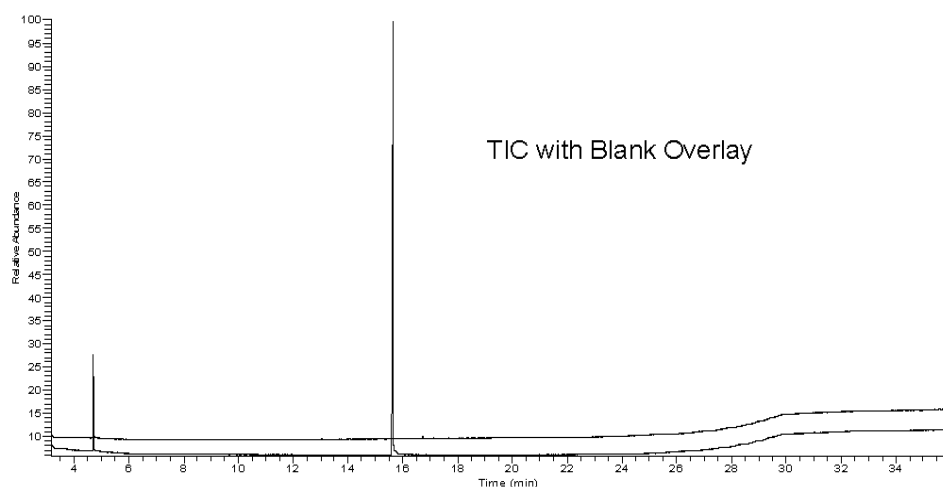
Purity and Identity Results:

Peak Identity	Retention Time (min)	Purity (% Total Area) ^a
p-Nitrophenol	15.65	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	Ether (~ 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)
Run Time	36.5 minutes
Data Analysis Software	Xcalibur, v 1.2 and NIST Library v 2.0, build 7/23/2008



00110110 #1470 RT: 15.65 MS: 1 39: 48 15.35:15.55 15.89:16.05 NL: 1.3225
T: (0.0) x (0.0) scan(95.00 Full MS) (25.00-500.00)

