

Chemical Information:

Name: p-Nitrobenzoic acid

Date of Analysis: 27 January 2009

CAS No.: 62-23-7

Supplier: Sigma-Aldrich

Tox21_ID No.: Tox21_201258

Lot No.: 1109858

NTP_CID No.: 1208

MW: 167.12 g/mol

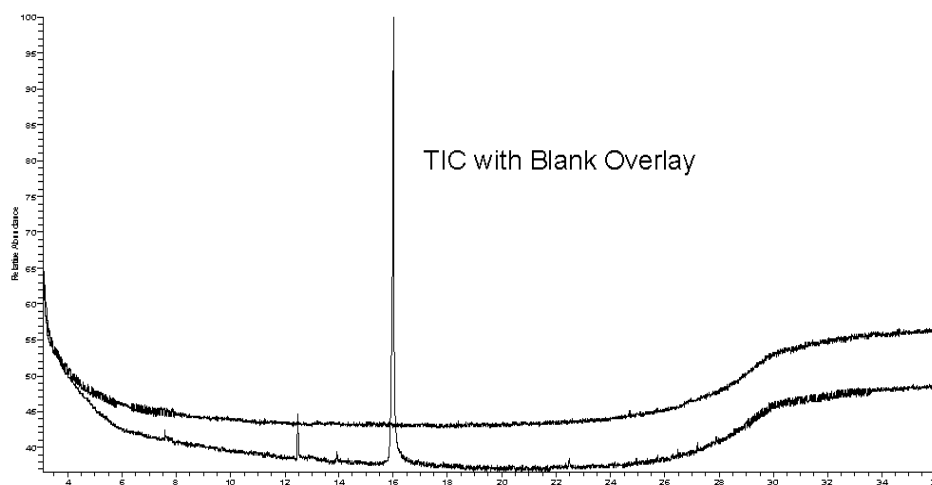
Purity and Identity Results:

Peak Identity	Retention Time (min)	Purity (% Total Area) ^a
unknown	12.48	4.32
p-Nitrobenzoic acid	16.02	95.68

^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



09/27/09 #1892 RT: 16.02 AU: 1.58E+05 NL: 37168

Y: (2.0)E+05 c: 81 d: 0.000000 Full MS (125.00-350.00)

