

# Chemical Information:

Name: 4-Methoxy-3-nitro-N-phenylbenzamide  
CAS No.: 97-32-5 Supplier: Sigma-Aldrich  
Tox21\_ID No.: Tox21\_200743 Lot No.: S110305KB-5  
NTP\_CID No.: 379 MW: 272.26 g/mol

Date of Analysis: 24 February 2009

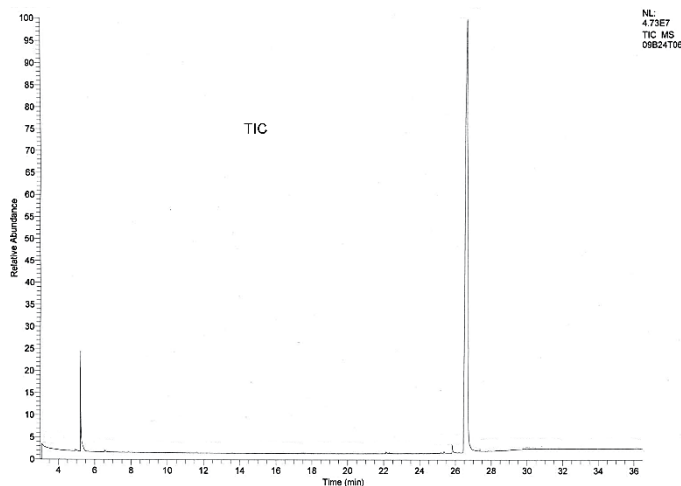
## Purity and Identity Results:

Peak Identity	Retention Time (min)	Purity (% Total Area) <sup>a</sup>
Acetone	5.23	Not applicable
unknown	25.84	0.52
4-Methoxy-3-nitro-N-phenylbenzamide	26.72	99.31

<sup>a</sup> Peaks comprising ≥ 0.5% of total area.

## GC/MS Instrument Parameters:

Instrument / Ionization	Gas Chromatograph with Mass Spectrometer / Electron Impact
Solvent	Acetone (~ 1 mg/mL)
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



09824106 #2815 RT: 26.46 AV: 1 SB: 2 26.42, 26.80 NL: 2.69E5  
T: (6.0) v c EI (90V-350.00) Full ms [26.00-350.00]

