

# Chemical Information:

Name: p-Nitrobenzamide

Date of Analysis: 16 April 2007

CAS No.: 619-80-7

Supplier: Sigma-Aldrich

Tox21\_ID No.: Tox21\_200343

Lot No.: 13709CC

NTP\_CID No.: 1207

MW: 166.13 g/mol

## Purity and Identity Results:

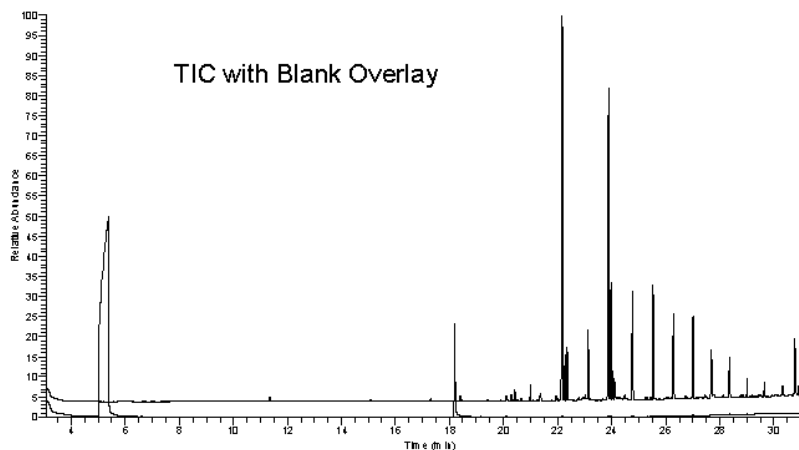
Peak Identity	Retention Time (min)	Purity (% Total Area) <sup>a</sup>
DMSO	5.37	Not applicable
p-Nitrobenzamide	18.20	99.62

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

## GC/MS Instrument Parameters:

Instrument / Ionization	ThermoFinnigan TraceGC with ThermoFinnigan TraceMS / Electron Impact
Solvent	Dichloromethane (100 mM in DMSO, diluted 1/1000 with 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 2 min
Source Temperature	250°C
Auxiliary Temperature	250°C
Scan Range	50 – 250 amu
Injector Temperature	250°C
Injection Volume / Mode	2 μL / Splitless
Run Time	31.5 minutes
Data Analysis Software	Xcalibur, v 1.2 and NIST Library v 1.7, build 11/5/1999

RT: 3.05-31.49 SM: 30


07-01617 #1823 RT: 18.20 AM: 1 NL: 3.14E6  
T: 0.02 + 0.01617-300.00 FID MS (50.00-250.00)
