

Chemical Information:

Name: 4-Methyl-3-nitroaniline
CAS No.: 119-32-4
Tox21_ID No.: Tox21_200103
NTP_CID No.: 382

Supplier: Sigma-Aldrich
Lot No.: 12614CD
MW: 152.15 g/mol

Date of Analysis: 02 February 2009

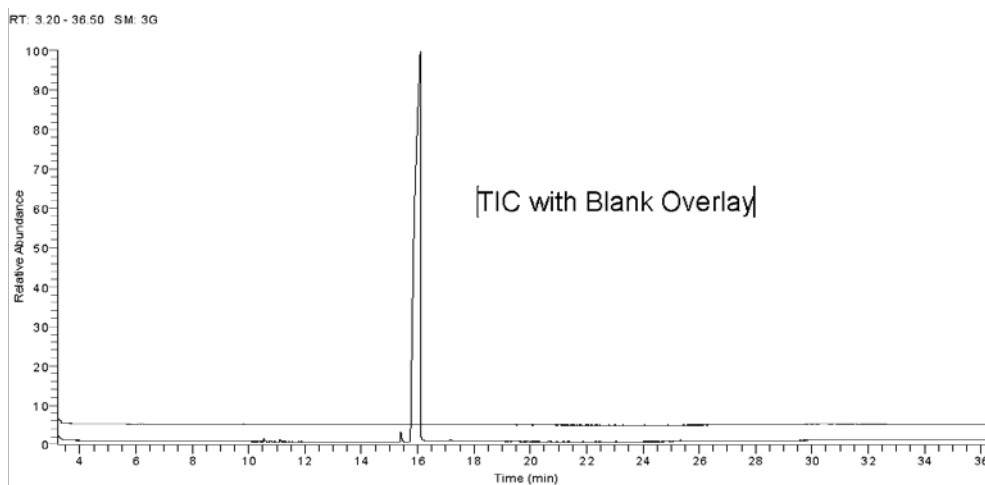
Purity and Identity Results:

Peak Identity	Retention Time (min)	Purity (% Total Area) ^a
unknown	15.40	0.50
4-Methyl-3-nitroaniline	16.11	99.26

^a Peaks comprising $\geq 0.5\%$ 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- 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 – 350 amu
Injector Temperature	250°C
Injection Volume / Mode	1 μ L / 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



09009108 #1530 RT: 15.75 AU: 1 SB: 2 15.68, 16.16 NL: 4.84E5
T: (0.0) * c B1 det=350.00 Full ms [25.00-350.00]

