

# Chemical Information:

Name: 4-Amino-4'-hydroxy-3-methyl-diphenylamine Date of Analysis: 05 October 2007  
CAS No.: 6219-89-2 Supplier: Sigma-Aldrich  
Tox21\_ID No.: Tox21\_200344 Lot No.: S110305KB-6  
NTP\_CID No.: 360 MW: 214.27 g/mol

## Purity and Identity Results:

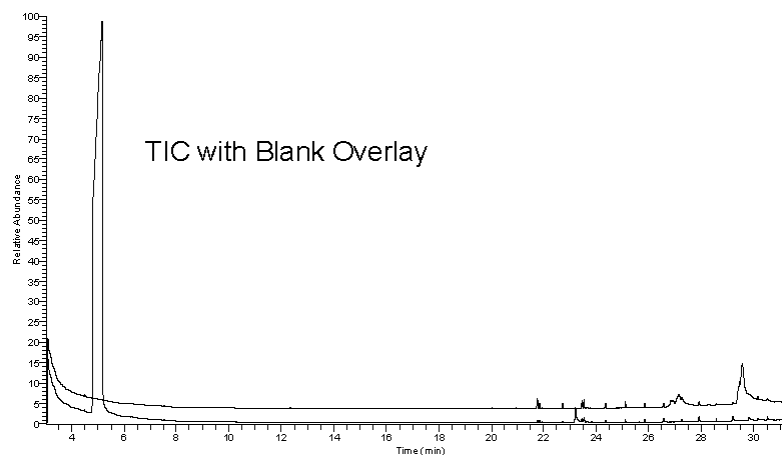
Peak Identity	Retention Time (min)	Purity (% Total Area) <sup>a</sup>
DMSO	5.18	Not applicable
4-Amino-4'-hydroxy-3-methyl-diphenylamine	23.21	100.00

<sup>a</sup> Peaks comprising  $\geq 0.5\%$  of total area.

## GC/MS Instrument Parameters:

Instrument / Ionization	Gas Chromatograph / Mass Spectrometer / 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- $\mu$ 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 2 min
Source Temperature	250°C
Auxiliary Temperature	250°C
Scan Range	50 – 350 amu
Injector Temperature	250°C
Injection Volume / Mode	2 $\mu$ L / 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 - 31.50 SM: 36



07/05/03 45:424 RT: 23.20 AU: 1 SB: 2 23.10, 23.72 NL: 28765  
T: [0.0] + e [0.4] [0.000] File no: [00.00.000.00]

