

# Chemical Information:

Name: 3-Amino-a,a,a-trifluorotoluene  
CAS No.: 98-16-8 Supplier: Sigma-Aldrich  
Tox21\_ID No.: Tox21\_201909 Lot No.: 03715PC  
NTP\_CID No.: 320 MW: 161.12 g/mol

Date of Analysis: 10 April 2007

## Purity and Identity Results:

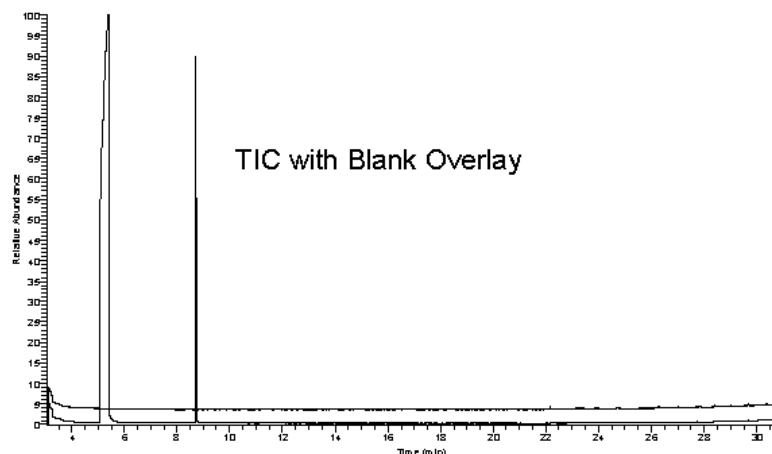
Peak Identity	Retention Time (min)	Purity (% Total Area) <sup>a</sup>
DMSO	5.39	Not applicable
3-Amino-a,a,a-trifluorotoluene	8.71	99.57

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

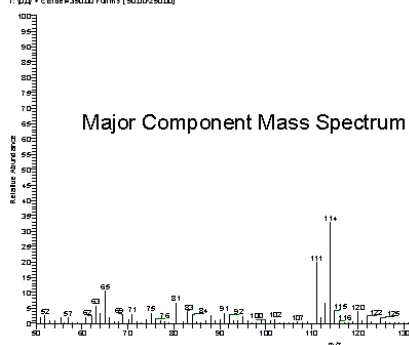
## GC/MS Instrument Parameters:

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- $\mu$ 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 – 250 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: 8.06 - 31.50 SM: 30



076 10115 0024 RT: 8.710 AV: 1 SM: 2 5.66, 8.77 NL: 3.44E5  
T: 0.03 s c:\data\340303\Full.ms (50.0024030)



NIST Reference Mass Spectrum

