

### Chemical Information:

Name: Cyclohexanamine, 4,4'-methylenebis[2-methyl-  
CAS No.: 6864-37-5 Supplier: Sigma-Aldrich  
Tox21\_ID No.: Tox21\_201139 Lot No.: 07912DU  
NTP\_CID No.: 3872 MW: 238.41 g/mol

Date of Analysis: 13 August 2015

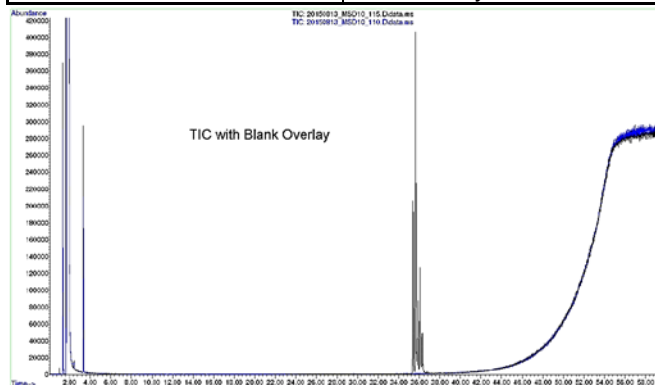
### Purity and Identity Results:

Peak Identity	Retention Time (min)	Purity (% Total Area) <sup>a</sup>
Dichloromethane	1.80	Not Applicable
Cyclohexanamine, 4,4'-methylenebis[2-methyl-	35.41	21.03
Cyclohexanamine, 4,4'-methylenebis[2-methyl-	35.64	46.22
Cyclohexanamine, 4,4'-methylenebis[2-methyl-	35.87	10.25
Cyclohexanamine, 4,4'-methylenebis[2-methyl-	36.05	15.03
Cyclohexanamine, 4,4'-methylenebis[2-methyl-	36.28	7.28

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

### GC/MS Instrument Parameters:

Instrument / Ionization	Gas Chromatograph with Mass Spectrometer / Electron Impact
Solvent	Dichloromethane (~0.4 mg/mL)
Column	Rtx-5 MS, 30 m x 0.25 mm ID, 1- $\mu$ m film thickness
Carrier Gas	Helium at 2.0 mL/min
Oven Program	50°C, hold 0 min; ramp @ 5°C/min to 320°C, hold 5 min
Source Temperature	230°C
Auxiliary Temperature	250°C
Scan Range	40 – 550 amu
Injector Temperature	250°C
Injection Volume / Mode	1 $\mu$ L / Split (10:1)
Data Analysis Software	MassHunter GC/MS Acquisition B.07.02.1938 / Chemstation Enhanced Data Analysis F.01.01.2317 / NIST Library Version 2.2 Build 2014



m/z	Mass Ion / Fragment
238	Mass Ion
221	C <sub>15</sub> H <sub>27</sub> N
204	C <sub>15</sub> H <sub>24</sub>
95	C <sub>7</sub> H <sub>11</sub>
70	C <sub>5</sub> H <sub>10</sub>
56	C <sub>4</sub> H <sub>8</sub>

Reference spectrum not available.

