



## CERTIFICATE OF ANALYSIS

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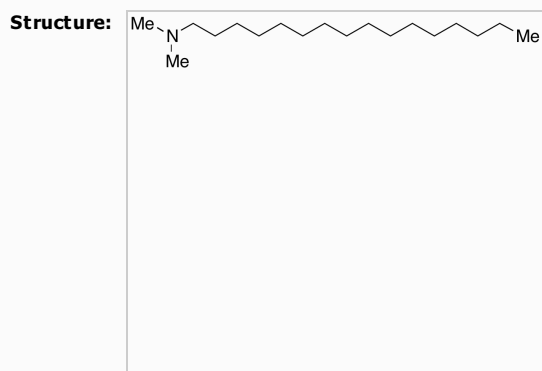
### 1. Identification

**Catalogue Number:** D461835

**CAS Number:** 112-69-6

**Synonym:** N,N-dimethylhexadecylamine; ADMA 16; AT 1695; Armeen 2M16D; Armeen DM 16D; Bairdcat B 16; Barlene 16S; Cetyl dimethylamine; Dabco B 16; Dimethylcetylamine; Dimethylhexadecylamine; Dimethylpalmitylamine; Farmin DM 60; Farmin DM 6098; Genamin 16R302D; Hexadecyldimethylamine; IPL 67; N,N-Dimethyl-1-hexadecanamine; N,N-Dimethyl-n-hexadecylamine; N,N-Dimethylcetylamine; N,N-Dimethylhexadecylamine; N,N-Dimethylpalmitylamine; N-Hexadecyldimethylamine; NSC 404177; NSC 8493; Nissan Tertiary Amine PB; Palmi

**Product:** N,N-Dimethylhexadecylamine



**Molecular Formula:**

C<sub>18</sub>H<sub>39</sub>N

**Molecular weight:**

269.51

**Source of Product:**

N/A

**Solubility:**

Chloroform (Slightly),  
Methanol (Slightly)

**Lot Number:** 12-FGD-717-1

**Purity:** 97%

**Shipping Condition:** This Product Is Stable To Be Shipped At Room Temperature

**Storage Condition:** 4°C

### 2. Warning

**Warning 1:**

**Warning 2:**

**Warning 3:**

### 3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Colourless Oil	Clear Colourless Oil
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 80.69, %H: 14.95, %N: 5.93
GC	Report Result	97.43%

**Additional Information:** N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 2%. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

### 4. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Henry Tieu	Toni Rantanen	Chanell Chu	11/11/2022	11/9/2026
