



## CERTIFICATE OF ANALYSIS

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### 1. Identification

**Catalogue Number:** H293810

**CAS Number:** 36653-82-4

**Synonym:** n-Hexadecanol; 1-Cetanol; 1-Hydroxyhexadecane; Adol 52; Adol 52NF; Adol 54; Alfol 16; Alfol 16RD; Atalco C; CO 1695; CO 1695F; Cachalot C 51; Cetaffine; Cetal; Cetalcos; Cetanol CA; Cetanol; Cetanol 70; Cetanol NX; Cetyl Alcohol NX; Cetyl alcohol; Cetylic Alcohol; Cetylol; Conol 1670; Conol 1695; Crodacol C; Crodacol C 95; Crodacol CAS; Crodacol CAT; Elfacos C; Epal 16; Ethal; Ethol; Lorol 24; Lorol C 14/98; Lorol C 16; Loxanol K; Loxanol K extra; Loxanwax SK; NAA 44; NSC 4194; Nacol 16-95; Nac

**Product:** 1-Hexadecanol

**Structure:**



**Molecular Formula:**

C<sub>16</sub>H<sub>34</sub>O

**Molecular weight:**

242.44

**Source of Product:**

N/A

**Solubility:**

Chloroform (Slightly),  
Methanol (Slightly)

**Lot Number:** 2-TSS-87-1

**Purity:** 98%

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

**Storage Condition:** 20°C

### 2. Warning

**Warning 1:**

**Warning 2:**

**Warning 3:**

### 3. Analytical Information

Tests:	Specifications:	Results:
Appearance	White to Off-White Solid	White to Off-White Solid
NMR	Conforms to Structure	Conforms
GC Purity	Report Result	98.26%
MS	Conforms to Structure	Conforms

**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	Christina Gouliaras	1/25/2024	1/23/2028
				