



CERTIFICATE OF ANALYSIS

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1. Identification

Catalogue Number: D525460

CAS Number: 112-53-8

Synonym: Adol 10; Adol 11; Adol 12; Alfol 12; C 1214N; Conol 1275; Conol 20P; Conol 20PP; Epal 12; Hainol 12SS; K 20; K 20 (Alcohol); Kalcohol 20; Kalcohol 2098; Kalcol 2098; Lauric Alcohol; Laurinic Alcohol; Lauryl 24; Lauryl Alcohol; Lipocol L; Lorol C 12; Lorol C 12/98; NAA 42; NSC 3724; Nacol 12-96; Nacol 12-99; Pisol; S 1298; Sipol L 12; Siponol 25; Siponol L 2; Siponol L 5; n-Dodecan-1-ol; n-Dodecyl Alcohol; 1-Dodecyl Alcohol; 1-Hydroxydodecane; Dodecyl Alcohol;

Product: 1-Dodecanol

Structure: 

Molecular Formula:

C₁₂H₂₆O

Molecular weight:

186.33

Source of Product:

N/A

Solubility:

Chloroform (Slightly),
Methanol (Slightly)

Lot Number: 1-MS-43-1

Purity: 98%

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 to Off-White Oil to Low-Melting Solid	Colourless Oil
NMR	Conforms to Structure	Conforms
C NMR	Conforms to Structure	Conforms
GC Purity	Report Result	99.78%

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
Meenakshi Sharma	Toni Rantanen	Chanell Chu	3/7/2024	3/5/2028
				