



CERTIFICATE OF ANALYSIS

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1. Identification

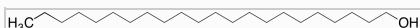
Catalogue Number: D678855

CAS Number: 661-19-8

Product: 1-Docosanol

Synonym: 1-Docosanol; Abreva; Behenic Alcohol; Behenyl 80 Alcohol; Behenyl Alc. 80; Behenyl Alcohol; Conol 2265; Conol 2280; Docosanol; Docosyl Alcohol; Hainol 22S; IK 2; IK 2 (alcohol); Kalcohol 220; Kalcohol 22080; Kalcol 22080; Lanette 22; NAA 422; NSC 8407; Nacol 22-97; Nacol 22-98; Nacol C 22; Stenol 1822; Stenol 1822A; Tadenan; Toho BH 65; n-Docosanol

Structure:



Molecular Formula:

C₂₂H₄₆O

Molecular weight:

326.6

Source of Product:

N/A

Solubility:

Chloroform (Slightly), Ethyl Acetate (Slightly), Methanol (Slightly)

Lot Number: 1-STC-124-1

Purity: 96%

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

White to Off-White Solid

White to Off-White Solid

NMR

Conforms to Structure

Conforms

GC

Report Result

99.03%

C NMR

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

Evan Burns

Toni Rantanen

Chanell Chu

7/13/2022

7/11/2026