

CERTIFICATE OF ANALYSIS

1. Identification

Catalogue Number

Lot Number

711812302-1-1

Product Name

Stearoyl Ethanolamide





Synonyms

S686608

N-(2-Hydroxyethyl)octadecanamide; AM 1105; Abriflo 65; Alkamide S 280; Aminon SM; Amisol SME; Ceramid; Clindrol 200MS; Comperlan HS; Cycloamide SM; Emcol 70; Loramine S 280 Lubsize K 12; Mackamide SMA; Marlamid M 18; Monamid 972; Monamid S; Monoethanolstearamide; N-(2-Hydroxyethyl)stearamide; N-Octadecanoylethanolamine; N-Stearoylethanolamine; NSC 3377;

CAS Number

Solubility

111-57-9

Chloroform (Slightly), DMSO

(Slightly)

Molecular Formula

Source of Product

C₂₀H₄₁NO₂

N/A

Molecular Weight

Purity

327.55

>95%

2. Warnings

Not Determined

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Long Term Storage Conditions

-20°C, Inert atmosphere

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<u>Tests</u>	<u>Specifications</u>	Results
Appearance	White to Off-White Solid	White to Off-White Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 72.68, %H: 12.76, %N: 4.45
HPLC Purity	>95%	99.67% (ELSD)
MS	Conforms to Structure	Conforms

Additional Information

Product Quality Specialist

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.

Manager, Quality Assurance

4. Signatures

Reviewed by Reviewed by C of A Approved by **Test Date Retest Date** 6/12/2023 6/10/2027 Nicole Yip Toni Rantanen Chanell Chu

Jr. Quality Assurance