



CERTIFICATE OF ANALYSIS

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1. Identification

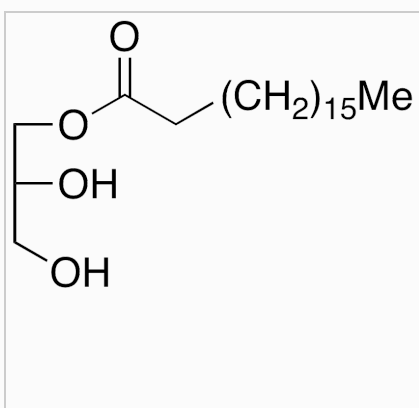
Catalogue Number: S686560

CAS Number: 123-94-4

Product: 1-Stearoyl-rac-glycerol (90%)

Synonym: Octadecanoic Acid 2,3-Dihydroxypropyl Ester; 1-Monostearin; (+/-)-2,3-Dihydroxy-propyl Octadecanoate; 1-Glyceryl Stearate; 1-Monooctadecanoylglycerol; Aldo 33; Aldo 75; Aldo MSD; NSC 3875; Sandin EU; Stearic Acid α -Monoglyceride; Stearic Acid 1-Monoglyceride; Tegin 55G; α -Monostearin;

Structure:



Molecular Formula:

C₂₁H₄₂O₄

Molecular weight:

358.56

Source of Product:

N/A

Solubility:

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

Lot Number: 21-SBL-114-1

Purity: 98%

Shipping Condition: This Product Is Stable To Be Shipped With Blue Ice

Storage Condition: -20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Elemental Analysis	Conforms	%C: 70.28, %H: 11.60
Appearance	White to Off-White Solid	White to Off-White Solid
NMR	Conforms to Structure	Conforms
HPLC Purity	Report Result	99.21% (ELSD)
MS	Conforms to Structure	Conforms
Specific Rotation	Report Result	0.0° (c = 0.2, Chloroform)

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 $\pm$ 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	3/10/2022	3/8/2026
				