



## 1. Identification

Catalogue Number

G598410

Lot Number

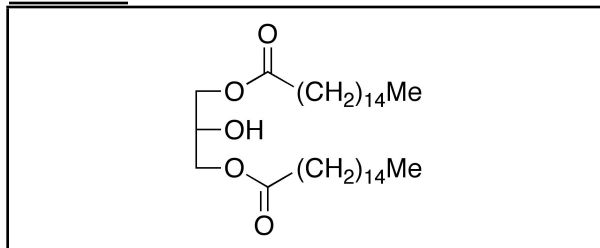
1-USH-16-2

Product Name

Glycerol 1,3-Dipalmitate

Synonyms

1,3-Dipalmitin; 1,3-Dipalmitoylglycerin; 1,3-Dipalmitoylglycerol; Glycerol 1,3-Dihexadecanoate; Hexadecanoic Acid, 2-hydroxy-1,3-propanediyl Ester

StructureCAS Number

502-52-3

Solubility

Chloroform (Slightly), Ethyl Acetate (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular FormulaC<sub>35</sub>H<sub>68</sub>O<sub>5</sub>Source of Product

Synthetic

Long Term Storage Conditions

-20°C

Molecular Weight

568.91

Purity

&gt;95%

## 2. Warnings

Not Determined

## 3. Analytical Information

Tests

Appearance

Specifications

White to Off-White Solid

Results

White to Off-White Solid

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 73.57, %H: 12.17

HPLC Purity

&gt;95%

97.93% (ELSD)

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  $\pm 2\%$ . 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

Henry Tieu

Product Quality Specialist

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chanell Chu

Jr. Quality Assurance

Test Date

12/1/2022

Retest Date

11/29/2032