



## CERTIFICATE OF ANALYSIS

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### 1. Identification

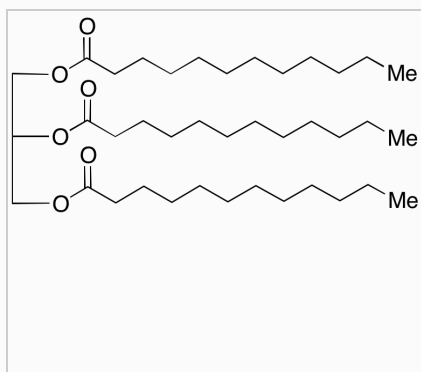
**Catalogue Number:** T795420

**CAS Number:** 538-24-9

**Product:** Trilaurin

**Synonym:** Dodecanoic acid 1,2,3-propanetriyl ester; Laurin, tri-; Dynasan 112; Glycerin tridodecanoate; Glycerin trilaurate; Glycerine trilaurate; Glycerol trilaurate; Glyceryl laurate; Glyceryl tridodecanoate; Glyceryl trilaurate; LaLaLa triacylglycerol; Lauric acid triglyceride; Lauric acid triglycerin ester; Lauric triglyceride; NSC 4061; Tridodecanoin; Tridodecanoyl glycerol; Triglyceride LaLaLa; Trilaurin; Trilauroylglycerol

**Structure:**



**Molecular Formula:**

$C_{39}H_{74}O_6$

**Molecular weight:**

639

**Source of Product:**

N/A

**Solubility:**

Chloroform (Slightly), DMSO (Slightly, Heated)

**Lot Number:** 21-SBL-53-1

**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:
Elemental Analysis	Conforms	%C: 73.46, %H: 11.61
Appearance	White to Off-White Low-Melting Solid	White Solid
NMR	Conforms to Structure	Conforms
HPLC Purity	Report Result	99.81% (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	Reviewed By	C of A Approved By	Test Date	Retest Date
Henry Tieu	Toni Rantanen	Chanell Chu	2/22/2022	2/20/2026
				