CATO Research Chemicals Inc.

Make the Tests More Accurate

ISO 17034 : 2016 | ISO 9001 : 2015

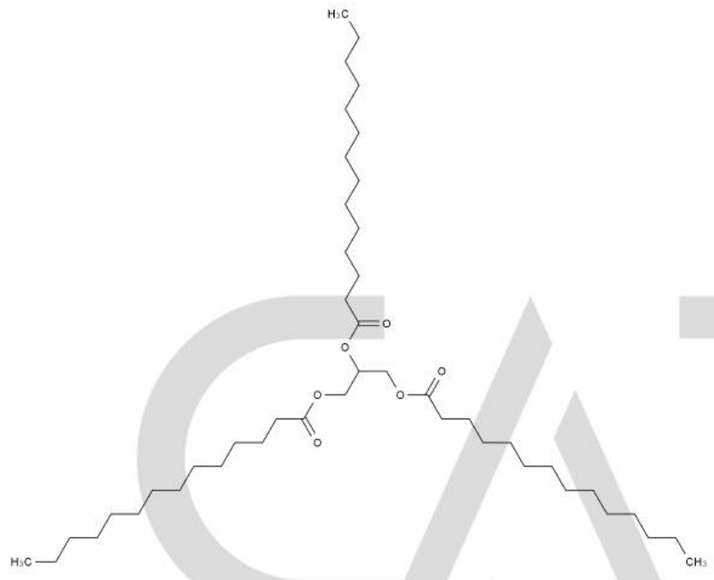
**No.: 202511040187**

# Certificate of Analysis

## Reference Material & Standard

| | | | |
|---|---|---|---|
| **Product Name:** | Trimyristin | **Catalogue Number:** | CCFD200483 |
| **Synonyms:** | N/A | **Lot Number:** | 0410-RF-0042 |
| **CAS Number:** | 555-45-3 | **Expiry Date:** | Apr 15, 2028 |
| **Molecular Formula:** | $C_{45}H_{86}O_6$ | **Storage:** | 2°C ~ 8°C Protected from light and Sealed |
| **Molecular Weight:** | 723.16 | **Shipping Condition:** | Shipping at Room Temperature |

**Chemical Structure:**



| Test Items | Method | Results |
|---|---|---|
| **Appearance** | Visual inspection | White Solid |
| **Identification** | LCMS&IR&UV&HNMR | Confirmed |
| **Purity** | GC | 98.7% |
| **Assay** | qNMR | 98.6% |
| **Uncertainty** | | ±0.5% |

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## Comment:

*The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.*

**Signature:**

Prepared by: Lisa Date: Nov 11, 2025

Reviewed by: Hinlam Date: Nov 11, 2025

Approved by General Manager: David Date: Nov 11, 2025

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ANAB ANSI National Accreditation Board ACCREDITED ISO 17034 REFERENCE MATERIAL PRODUCER AR-2832

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