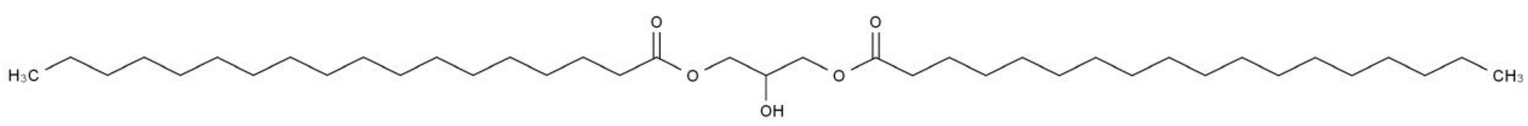
Certificate of Analysis

Reference Material & Standard

Product Name:	Glyceryl 1,3-Distearate	**Catalogue Number:**	CCHM704090
Synonyms:	N/A	**Lot Number:**	0526-RG-0020
CAS Number:	504-40-5	**Expiry Date:**	May 28, 2029
Molecular Formula:	C39H76O5	**Storage:**	-20°C±5°C Protected from light and Sealed
Molecular Weight:	625.02		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	ELSD	99.8%
Assay	qNMR	98.1%
Uncertainty		±0.4%

Comment:

1. Assay was determined by quantitative 1H-NMR.

2. 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.

CATO Research Chemicals Inc.

Signature:

Prepared by: Lisa Date: May 30, 2025

Reviewed by: Hinlam Date: May 30, 2025

Approved by General Manager: David Date: May 30, 2025

CATO Research Chemicals Inc.