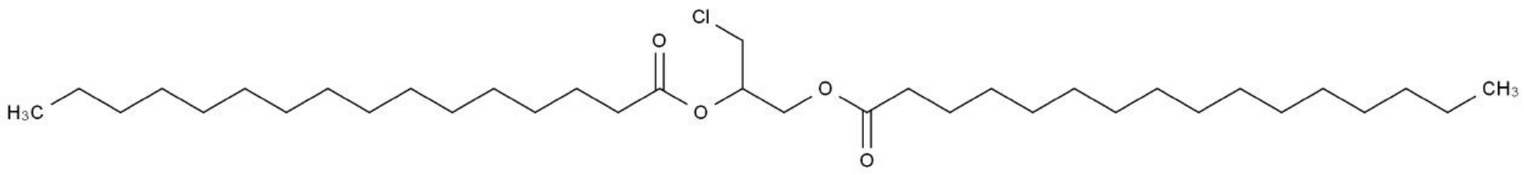
Certificate of Analysis

Reference Material & Standard

Product Name:	rac 1,2-Bis-palmitoyl-3-chloropropanediol	**Catalogue Number:**	CCFD200579
Synonyms:	N/A	**Lot Number:**	0730-RC-0015
CAS Number:	51930-97-3	**Expiry Date:**	Dec 15, 2028
Molecular Formula:	C35H67ClO4	**Storage:**	-20°C±5°C Protected from light and Sealed
Molecular Weight:	587.36		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	CNMR&HNMR	Confirmed
Assay	qNMR	99.8%
Uncertainty		±2.0%

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: Dec 17, 2024

Reviewed by: Date: Dec 17, 2024

Approved by General Manager: Date: Dec 17, 2024

CATO Research Chemicals Inc.