

Certificate of Analysis

Reference Material & Standard

Product Name:	1-Palmitoyl-1,2-Propanediol	Catalogue Number:	C3D-5915
Synonyms:	N/A	Lot Number:	0629-RH-0020
CAS Number:	3539-33-1	Expiry Date:	Jul 02, 2030
Molecular Formula:	C ₁₉ H ₃₈ O ₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	314.50	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	GCMS&HNMR	Confirmed
Purity	GC	99.306%
Loss on Drying	TGA	0.1445%
Assay		99.2%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

$Assay (\%) = (100\% - Loss\ on\ Drying) * Purity\ GC (\%) / 100\%$

Loss on Drying is considered as absolute effect, GC purity is considered as relative effect.

Signature:

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Reviewed by:

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Approved by General Manager:

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Date: Jul 03, 2026

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