

Analytical Data Sheet

Lot number **1000033221**
not for drug use

Product 1,2-Dilauroyl-sn-glycerol

Product number **4005366.0001**

Molecular formula C₂₇H₅₂O₅

Relative molecular mass 456.71

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/mL in chloroform)
Identification (ESI-MS)	m = 456.4u (monoisotopic mass)
Purity (TLC)	> 98%
TLC conditions	chloroform/methanol/toluene/H ₂ O 8/8/8/1 toluene/ethylacetate 10/1 plate: silicagel 60 F ₂₅₄ detected by: UV, ammoniummolybdate
Assay (elemental analysis)	99.7% (Cth 71.01%, Cfd 70.82%)
Water content (KF volumetric)	< 0.1%

Latest update: June 25, 2020

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