

Analytical Data Sheet

Lot number **1000024807**
not for drug use

Catalog number **O-1065.0005**
Product number **4005366.0005**
Product **1, 2- Dilauroyl- sn- glycerol**
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: November 18, 2019

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