

Analytical Data Sheet

Lot number **1000016445**
not for drug use

Catalog number **O-1180.0001**
Product number **4005607.0001**
Product **1, 2- Dipalmitoyl- rac- glycerol**
Molecular formula **C₃₅H₆₈O₅**
Relative molecular mass **568.92**

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/mL in chloroform)
Identification (elemental analysis)	Theory Found C = 73.9% C = 73.7% H = 12.1% H = 11.7% N = ---% N = ---%
Identification (TLC)	complies with authentic material
Melting point	64 °C
Purity (TLC)	> 95%
TLC conditions	toluene/ethylacetate 4/1 toluene/dioxane/acetic acid 95/25/4 ethylacetate/hexane 4/5 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, ammoniummolybdate, Rhodamin B
Assay (elemental analysis)	99.7% (Cth 73.89%, Cfd 73.67%)

Latest update: May 23, 2019

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