

Analytical Data Sheet

Lot number **1000026005**
not for drug use

Catalog number O-1175.0005
Product number 4005618.0005
Product **1, 2- Dipalmitoyl- sn- glycerol**
Molecular formula $C_{35}H_{68}O_5$
Relative molecular mass 568.92

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (10 mg/mL in ethylacetate)
Identification (ESI-MS)	m = 568.5u(monoisotopic mass)
Identification (TLC)	complies with authentic material
Purity (TLC)	> 98%
TLC conditions	chloroform/ethylacetate 9/1 chloroform/ethylacetate/acetic acid 90/10/2 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, ammoniummolybdate
Assay (elemental analysis)	100.0% (Cth 73.89%, Cfd 73.89%)

Latest update: December 10, 2019

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