

Analytical Data Sheet

Lot number **1000016576**
not for drug use

Catalog number **O-1615.5000**
Product number **4005610.5000**
Product **1, 2- Dipalmitoyl- rac- glycerol- 3- phosphocholine**
Molecular formula **C₄₀H₈₀NO₈P**
Relative molecular mass **734.05**

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/ml in CHCl ₃)
Identification (ESI-MS)	m = 733.8u (average mass)
Melting point	235 °C
Purity (TLC)	> 95%
TLC conditions	ethylacetate/pyridine/acetic acid/H ₂ O 60/20/6/11 chloroform/methanol/acetic acid(98-100%)/H ₂ O 45/13/1/2 chloroform/methanol/toluene/H ₂ O 8/8/8/1 plate: silicagel 60 F ₂₅₄ detected by: UV, ammoniummolybdat, J ₂
Assay (elemental analysis)	95.9% (Cth 65.45 %, Cfd 62.78 %)
Water content (KF volumetric)	2.3%

Latest update: May 23, 2019

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