

Analytical Data Sheet

Lot number **1073356**
not for drug use

Catalog number **O-1140.1000**
Product number **4006546.1000**
Product **1, 2- Dimyristoyl- rac- glycerol- 3- phosphocholine**
Molecular formula **C₃₆H₇₂NO₈P**
Relative molecular mass **677.94**

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/mL in chloroform)
Identification (TLC)	complies with authentic material
Purity (TLC)	> 98%
TLC conditions	chloroform/methanol/toluene/H ₂ O 8/8/8/1 chloroform/methanol/acetic acid/H ₂ O 45/13/1/2 plate: silicagel 60 F ₂₅₄ detected by: UV, ammoniummolybdate, Rhodamin B
Assay (elemental analysis)	98.4% (Cth 63.78%, Cfd 62.74%)
Water content (KF volumetric)	0.5%

Latest update: September 14, 2017

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