

Analytical Data Sheet

Lot number **1000007902**
not for drug use

Catalog number O-1140.0250
Product number 4006546.0250
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: November 13, 2018

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