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Certificate of Analysis

Catalogue Number	10914
Lot Number	000127-1066326
Product	1,2-Dimyristoyl-<i>rac</i>-glycero-3-phosphocholine

DL- β , γ -Dimyristoyl- α -lecithin

CAS Number	18656-38-7
Molecular Formula	C ₃₆ H ₇₂ NO ₈ P
Molecular Weight	677.94

Appearance	White powder
Solubility	Clear colorless solution (50 mg/mL in chloroform) Clear colorless solution (50 mg/mL in 80% acetic acid)
Water Content (Karl Fisher)	0.6%
TLC System	Chloroform/Methanol/Toluene/Water (8:8:8:1) Chloroform/Methanol/Acetic acid/Water (45:13:1:2) Plate: Silicagel 60 F ₂₅₄ Detected by: UV, Ammoniummolybdate, Rhodamin B
Analysis by Mass Spectra	MALDI-MS = 677.9u (Average mass)
Assay	98.1% (Cth 63.78%, Cfd 62.56% by Elemental analysis)
Purity by TLC	> 98%
Storage	Store at $\leq -4^{\circ}\text{C}$

Remarks	See material safety data sheet for additional information For laboratory use only
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The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager