

16:0 Lyso PC

1-palmitoyl-2-hydroxy-sn-glycero-3-phosphocholine

855675P-500mg

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Molecular Weight 495.63
Chemical Formula C₂₄H₅₀NO₇P
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 5777PPL082
Avanti Lot Number 855675P-500MG-L-082

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: negative Water dip: one major spot	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: negative Water dip: one major spot
FAME (GC/FID)	NLT 99% 16:0 (AUC)	100% (AUC)
Phosphorus Assay	95-105% recovery phosphorus	102% recovery
Calcium (ICP/MS)	NMT 500ppm	None Detected
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H] ⁺ = 496.63 ± 1 amu	[M+H] ⁺ = 496.2 amu

Approved By:



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