

16:0 Lyso PC

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

855675P-200MG

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Molecular Weight	495.63
Chemical Formula	C ₂₄ H ₅₀ NO ₇ P
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5777PNO082
Avanti Lot Number	855675P-200MG-O-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	All Pass
FAME (GC/FID)	NLT 99% 16:0 (AUC)	100% (AUC)
Phosphorus Assay	95-105% Recovery phosphorus	102% recovery
Calcium (ICP/MS)	NMT 500 ppm	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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