

18:0 Lyso PC**1-stearoyl-2-hydroxy-sn-glycero-3-phosphocholine****855775P-500mg****Page 1 of 1**

Molecular Weight 523.683
Chemical Formula C₂₆H₅₄NO₇P
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 5781PPC087
Avanti Lot Number 855775P-500MG-C-087

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% 18:0 (AUC)	100% (AUC)
Phosphorus Assay (UV/Vis)	95-105% recovery phosphorus	104% recovery
Calcium (ICP/MS)	NMT 500 ppm Ca	None Detected
Proton NMR	NMR spectrum consistent with reference structure	Consistent with structure
Mass Spectroscopy	[M+H] ⁺ = 524.683 ± 1 amu	[M+H] ⁺ = 524.5 amu



Approved By:

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