

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

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Molecular Weight 523.683
Chemical Formula C₂₆H₅₄NO₇P
Physical State Powder
Storage -20°C
Expiration Date 1 year from date of receipt
M Lot Number 5781PPB089
Avanti Lot Number 855775P-500MG-B-089

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC	>99% Purity Ninhydrin spray: negative Iodine: one major spot Phosphorus: negative Charring: negative Water dip: one major spot	All Pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H] ⁺ = 524.683 ± 1 amu	[M+H] ⁺ = 524.6 amu
FAME (GC/FID)	NLT 99% 18:0 (AUC)	100% (AUC)
Phosphorus Assay (UV/Vis)	95-105% recovery phosphorus	104.9% recovery
Calcium (ICP/MS)	NMT 500 ppm Ca	None Detected

Approved By: *Meredith Bayood*

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