

18:0 Lyso PC

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

855775P-1g

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Molecular Weight	523.683
Chemical Formula	C ₂₆ H ₅₄ NO ₇ P
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5781PQA091
Avanti Lot Number	855775P-1G-A-091

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: positive Charring: negative Water dip: one major spot	>99% Purity Ninhydrin spray: negative Iodine: one major spot Phosphorus: positive Charring: negative Water dip: one major spot
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
FAME (GC/FID)	NLT 99% 18:0 (AUC)	99.7% 18:0 (AUC)
Calcium (ICP/MS)	NMT 500 ppm	61 ppm
Phosphorus Assay	95 – 105 % recovery phosphorus	95% recovery phosphorus
Mass Spectroscopy	[M+H] ⁺ = 524.68 ± 1 amu	[M+H] ⁺ = 524.37 amu

Approved By:



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