

10:0 Lyso PC

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

855375P-25mg

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Molecular Weight	411.471
Chemical Formula	C ₁₈ H ₃₈ NO ₇ P
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5771PJA030
Avanti Lot Number	855375P-25MG-A-030

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% 10:0	99.7% (AUC)
Phosphorus Assay	95-105% recovery phosphorus	Pass
Calcium (ICP/MS)	NMT 500ppm	None Detected
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H] ⁺ = 412.471 ± 1 amu	[M+H] ⁺ = 412.4 amu

 Approved By: *Andriana Thomas*

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