

12:0 Lyso PC

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

855475P-500mg

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Molecular Weight	439.524
Chemical Formula	C ₂₀ H ₄₂ NO ₇ P
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5773PPA048
Avanti Lot Number	855475P-500MG-A-048

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% 12:0 (AUC)	100% (AUC)
Quantitative Phosphorus NMR	NMR spectrum consistent with structure	102.56% recovery
Calcium (ICP/MS)	NMT 500ppm	124ppm
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H] ⁺ = 440.524 ± 1 amu	[M+H] ⁺ = 440.61 amu



Approved By:

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