

14:0 Lyso PC

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

855575P-200mg

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Molecular Weight	467.577
Chemical Formula	C ₂₂ H ₄₆ NO ₇ P
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5775PNC056
Avanti Lot Number	855575P-200MG-C-056

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% 14:0 (AUC)	99.8% (AUC)
Phosphorus Assay (UV/Vis)	95-105% recovery phosphorus	103.6% recovery
Calcium (ICP/MS)	NMT 500 ppm Ca	None Detected
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H] ⁺ = 468.577 ± 1 amu	[M+H] ⁺ = 468.2 amu

 Approved By: *Anderson Thomas*

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