

14:0 Lyso PC

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

855575C-200mg

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Molecular Weight	467.577
Chemical Formula	C ₂₂ H ₄₆ NO ₇ P
Physical State	Chloroform
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5775CNB058
Avanti Lot Number	855575C-200MG-B-058

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Chloroform: Clear solution with no foreign matter	Pass
TLC	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: negative Water dip: one major spot	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: negative Water dip: one major spot
FAME (GC/FID)	NLT 99% 14:0 (AUC)	99.7% (AUC)
Quantitative Phosphorus NMR	95-105% recovery phosphorus	98.4% 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] ⁺ = 468.5 amu

Approved By:



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