

24:0 Lyso PC

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

855800P-25mg

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Molecular Weight	607.843
Chemical Formula	C ₃₂ H ₆₆ NO ₇ P
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5785PJF026
Avanti Lot Number	855800P-25MG-F-026

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% 24:0 (AUC)	99% 24:0 (AUC)
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Phosphorus Assay	Concentration ±5% target 95-105% recovery phosphorus	98.4% recovery
Calcium (ICP/MS)	NMT 500ppm	None Detected
Mass Spectroscopy	[M+H] ⁺ = 608.843 ± 1 amu	[M+H] ⁺ = 608.8 amu

Approved By:



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