

16:0 Lyso PC

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

855675P-25mg

Page 1 of 1

Molecular Weight	495.63
Chemical Formula	C ₂₄ H ₅₀ NO ₇ P
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5777PJN082
Avanti Lot Number	855675P-25MG-N-082

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	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: negative Water dip: one major spot
FAME (GC/FID)	NLT 99% 16:0 (AUC)	99.9% (AUC)
Phosphorus Assay	95-105% recovery phosphorus	102% recovery
Calcium (ICP/MS)	NMT 500ppm	None Detected
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H] ⁺ = 496.63 ± 1 amu	[M+H] ⁺ = 496.2 amu

Approved By:



For Research Use Only. Not For Human Use.