

2-18:0 Lyso PC
2-stearoyl-sn-glycero-3-phosphocholine
855774P-1mg

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Molecular Weight	523.683
Chemical Formula	C ₂₆ H ₅₄ NO ₇ P
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5780PGA011
Avanti Lot Number	855774P-1MG-A-011

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% 18:0 (AUC)	99.6% (AUC)
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Phosphorus Assay	Concentration ±5% target 95-105% recovery phosphorus	95.9% recovery
Calcium (ICP/MS)	NMT 500ppm	None Detected
Mass Spectroscopy	[M+H] ⁺ = 524.683 ± 1 amu	[M+H] ⁺ = 524.4 amu

Approved By:



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