

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	5780PGB010
Avanti Lot Number	855774P-1MG-B-010

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
Calcium (ICP/MS)	NMT 500ppm	230.8 ppm
Mass Spectroscopy	[M+H] ⁺ = 524.683 ± 1 amu	[M+H] ⁺ = 524.7 amu

Approved by:

