

16:0-18:1 PC
1-palmitoyl-2-oleoyl-sn-glycero-3-phosphocholine
850457P-500mg

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Molecular Weight	760.076
Chemical Formula	C ₄₂ H ₈₂ NO ₈ P
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5679PPD218
Avanti Lot Number	850457P-500MG-D-218

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC	>99% Purity Ninhydrin spray: negative Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	All Pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H] ⁺ = 761.076 ± 1 amu	[M+H] ⁺ = 760.7 amu
FAME (GC/FID)	50% ± 5% 16:0 (AUC) 50% ± 5% 18:1 (AUC) NLT 99% Total	46.2% 16:0 (AUC) 53.8% 18:1 (AUC) 100% total (AUC)

 Approved By: *Andriana Thomas*

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