

16:0-18:0 PC

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

850456P-500mg

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Molecular Weight	762.092
Chemical Formula	C ₄₂ H ₈₄ NO ₈ P
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5678PPB034
Avanti Lot Number	850456P-500MG-B-034

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
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
FAME (GC/FID)	NLT 99% combined 16:0 and 18:0 (AUC)	44.6% 16:0 (AUC) 55.4% 18:0 (AUC) 100% combined
Mass Spectroscopy	[M+H] ⁺ = 763.1 ± 1 amu	[M+H] ⁺ = 762.6 amu

Approved By:



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