

16:0 PC (DPPC)

(1,2-Dipalmitoyl-sn-Glycero-3-Phosphocholine)

850355P-1g

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Molecular Weight	734.034
Chemical Formula	C ₄₀ H ₈₀ NO ₈ P
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5648PQI328
Avanti Lot Number	850355P-1G-I-328

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% 16:0 (AUC)	99.9% 16:0 (AUC)
Mass Spectroscopy	[M+H] ⁺ = 735.03 ± 1 amu	[M+H] ⁺ = 734.7 amu

 Approved By: *Meredith Bayood*

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