

16:0 PC (DPPC)

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

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Molecular Weight 734.034
Chemical Formula C₄₀H₈₀NO₈P
Physical State Chloroform
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 5648CQH328
Avanti Lot Number 850355C-1G-H-328

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Chloroform: Clear solution 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:

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