

16:0 PC (DPPC)

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

850355C-25mg

Page 1 of 1

Molecular Weight	734.034
Chemical Formula	C ₄₀ H ₈₀ NO ₈ P
Physical State	Chloroform
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5648CJB328
Avanti Lot Number	850355C-25MG-B-328

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Chloroform: Clear solution with 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:

For Research Use Only. Not For Human Use.