

18:0 PC (DSPC)

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

850365P-25mg**Page 1 of 1**

Molecular Weight 790.145
Chemical Formula C₄₄H₈₈NO₈P
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 5653PJA178
Avanti Lot Number 850365P-25MG-A-178

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	All Pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
FAME (GC/FID)	NLT 99% 18:0 (AUC)	99.6% 18:0 (AUC)
Mass Spectroscopy	[M+H] ⁺ = 791.145 ± 1 amu	[M+H] ⁺ = 790.5 amu

Approved By: *Andriana Thomas*

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