

18:0 PC (DSPC)

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

850365C-1g

Page 1 of 1

Molecular Weight	790.145
Chemical Formula	C ₄₄ H ₈₈ NO ₈ P
Physical State	Chloroform
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5653CQR178
Avanti Lot Number	850365C-1G-R-178

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

Approved By:



For Research Use Only. Not For Human Use.