

18:0 Lyso PC

1-stearoyl-2-hydroxy-sn-glycero-3-phosphocholine

855775C-500mg

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Molecular Weight 523.683
Chemical Formula $C_{26}H_{54}NO_7P$
Physical State Chloroform
Storage $-20^{\circ}C$
Expiration Date 1 year from date of receipt
M Lot Number 5781CPA090
Avanti Lot Number 855775C-500MG-A-090

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Chloroform: Clear solution which contains no foreign matter	Pass
TLC	>99% Purity Ninhydrin spray: 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
Quantitative Proton NMR	Run and Report	96.8%
FAME (GC/FID)	NLT 99% (AUC)	100% (AUC)
Calcium (ICP/MS)	NMT 500ppm	79.2 ppm
Mass Spectroscopy	$[M+H]^+ = 524.683 \pm 1$ amu	$[M+H]^+ = 524.2$ amu

Approved By: *Andriana Thomas*

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