

18:0-18:2 PC

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

850468C-200mg

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Molecular Weight	786.113
Chemical Formula	C ₄₄ H ₈₄ NO ₈ P
Physical State	Chloroform
Storage	-20°C
Expiration Date	Three months from date of receipt
M Lot Number	5686CNA043
Avanti Lot Number	850468C-200MG-A-043

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: positive Water dip: one major spot	All Pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
UV Oxidation	NMT 5% total all wavelengths	0.60% total
FAME (GC/FID)	NLT 50% ± 5% 18:0 (AUC) NLT 50% ± 5% 18:2 (AUC) NLT 99% total	51.1% 18:0 (AUC) 48.8% 18:1 (AUC) 99.9% total
Mass Spectroscopy	[M+H] ⁺ = 787.113 ± 1 amu	[M+H] ⁺ = 786.9 amu

Approved By: *Anderson Thomas*

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