

16:0-18:2 PC

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

850458C-25MG

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Molecular Weight	758.06
Chemical Formula	C ₄₂ H ₈₀ NO ₈ P
Physical State	Chloroform
Storage	-20°C
Expiration Date	Three months from date of receipt
M Lot Number	5680CJB066
Avanti Lot Number	850458C-25MG-B-066

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
UV Oxidation	NMT 5% total all wavelengths	0.36% total
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
FAME (GC/FID)	50% ± 5% 16:0 (AUC) 50% ± 5% 18:2 (AUC) NLT 99% total	47.9% 16:0 (AUC) 51.8% 18:2 (AUC) 99.7% total
Mass Spectroscopy	[M+H] ⁺ = 759.060 ± 1 amu	[M+H] ⁺ = 758.6 amu

Approved By:



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