

22:6 (Cis) PC

1,2-didocosahexaenoyl-sn-glycero-3-phosphocholine

850400C-25mg

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Molecular Weight	878.167
Chemical Formula	C ₅₂ H ₈₀ NO ₈ P
Physical State	Chloroform
Storage	-20°C
Expiration Date	Three months from date of receipt
M Lot Number	5670CJA068
Avanti Lot Number	850400C-25MG-A-068

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	>99% Purity Ninhydrin: negative Iodine: one major spot, two minor spots Phosphorus: positive Charring: one major +, two minor + Water dip: one major spot, two minor spots
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
UV Oxidation	NMT 5% total all wavelengths	0.68% total
FAME (GC/FID)	NLT 99% 22:6 (AUC)	100% (AUC)
Mass Spectroscopy	[M+H] ⁺ = 879.2 ± 1 amu	[M+H] ⁺ = 878.9 amu

 Approved By: *Anderson Thomas*

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