

18:0-22:6 PC

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

850472C-200mg

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Molecular Weight	834.156
Chemical Formula	C ₄₈ H ₈₄ NO ₈ P
Physical State	Chloroform
Storage	-20°C
Expiration Date	Three months from date of receipt
M Lot Number	5688CNC050
Avanti Lot Number	850472C-200MG-C-050

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	0.81% total
FAME (GC/FID)	NLT 50% ± 5% 18:0 (AUC) NLT 50% ± 5% 22:6 (AUC) NLT 99% total	46.0% 18:0 (AUC) 53.6% 22:6 (AUC) 99.6% total
Mass Spectroscopy	[M+H] ⁺ = 835.156 ± 1 amu	[M+H] ⁺ = 835.0 amu

Melissa Bolin

Approved By:

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