

18:0-22:6 PA

1-stearoyl-2-docosahexaenoyl-sn-glycero-3-phosphate (sodium salt)

840864C-25mg

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Molecular Weight	770.991
Chemical Formula	C ₄₃ H ₇₂ O ₈ PNa
Physical State	Chloroform
Storage	-20°C
Expiration Date	Three months from date of receipt
M Lot Number	5567CJA024
Avanti Lot Number	840864C-25MG-A-024

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 Phosphorus: positive Charring: positive Water dip: one major spot
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
FAME (GC/FID)	50 ± 5% 18:0 AUC 50 ± 5% 22:6 AUC NLT 99% total (AUC)	47.3% 18:0 (AUC) 52.5% 22:6 (AUC) 99.8% total (AUC)
Calcium (ICP/MS)	NMT 500ppm	None Detected
UV Oxidation	NMT 5% total all wavelengths	1.08% total all wavelengths
Mass Spectroscopy	[M-Na] ⁻ = 748.0 ± 1 amu	[M-Na] ⁻ = 748.1 amu

Approved By:



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