

16:0-22:6 PA

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

840860C-25mg

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Molecular Weight	742.937
Chemical Formula	C ₄₁ H ₆₈ O ₈ PNa
Physical State	Chloroform
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5563CJB040
Avanti Lot Number	840860C-25MG-B-040

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter Chloroform: Clear solution which contains 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	0.84%
FAME (GC/FID)	50 ± 5% 16:0 AUC 50 ± 5% 22:6 AUC NLT 99% total (AUC)	43% 16:0 AUC 57% 22:6 AUC 100% total (AUC)
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M-Na] ⁺ = 719.937 ± 1 amu	[M-Na] ⁺ = 719.91 amu
Calcium (ICP/MS)	NMT 500ppm	None Detected

Approved By: *Anderson Thomas*

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