

16:0-22:6 PA

1-palmitoyl-2-docosaheptaenoyl-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	Three months from date of receipt
M Lot Number	5563CJA041
Avanti Lot Number	840860C-25MG-A-041

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	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
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
FAME (GC/FID)	NLT 99% (AUC) combined 16:0 and 22:6	100% (AUC) combined 16:0 and 22:6
Calcium (ICP/MS)	NMT 500 ppm	357 ppm
UV Oxidation	NMT 5% total all wavelengths	0.62% total all wavelengths
Mass Spectroscopy	[M-Na] ⁺ = 719.94 ± 1 amu	[M-Na] ⁺ = 719.47 amu

Approved By:



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