

16:0-18:2 PA

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

840858C-25MG

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Molecular Weight	694.895
Chemical Formula	C ₃₇ H ₆₈ O ₈ PNa
Physical State	Chloroform
Storage	-20°C
Expiration Date	Three months from date of receipt
M Lot Number	5561CJA033
Avanti Lot Number	840858C-25MG-A-033

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
FAME (GC/FID)	50 ± 5% 16:0 AUC 50 ± 5% 18:2 AUC NLT 99% total (AUC)	47% 16:0 53% 18:2 100% total (AUC)
UV Oxidation	NMT 5% total all wavelengths	1% total
Calcium (ICP/MS)	NMT 500 ppm	79 ppm
Mass Spectroscopy	[M-Na] ⁺ = 671.9 ± 1 amu	[M-Na] ⁺ = 671.8 amu

Approved By:



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