

18:0-18:2 PA

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

840862C-25mg

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Molecular Weight	722.948
Chemical Formula	C ₃₉ H ₇₂ O ₈ PNa
Physical State	Chloroform
Storage	-20°C
Expiration Date	Three months from date of receipt
M Lot Number	5565CJA024
Avanti Lot Number	840862C-25MG-A-024

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Chloroform: Clear solution with no foreign matter	Pass
TLC	>99% Purity Ninhydrin spray: negative Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	>99% Purity Ninhydrin spray: 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% 18:2 (AUC) NLT 99% total (AUC)	51.0% 18:0 (AUC) 48.7% 18:2 (AUC) 99.7% total (AUC)
UV Oxidation	NMT 5% total all wavelengths	0.52% total all wavelength
Calcium (ICP/MS)	NMT 500ppm	BLOQ
Mass Spectroscopy	[M-Na] ⁺ = 700.0 ± 1 amu	[M-Na] ⁺ = 699.5 amu

Approved By:



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