

18:0-18:2 PA

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

840862P-25mg

Page 1 of 1

Molecular Weight 722.948
Chemical Formula C₃₉H₇₂O₈PNa
Physical State Powder
Storage -20°C
Expiration Date Three months from date of receipt
M Lot Number 5565PJA024
Avanti Lot Number 840862P-25MG-A-024

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC	>99% Purity Ninhydrin spray: 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% 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)
Calcium (ICP/MS)	NMT 500 ppm	BLOQ
UV Oxidation	NMT 5% total all wavelengths	0.52% total all wavelength
Mass Spectroscopy	[M-Na] ⁻ = 700.0 ± 1 amu	[M-Na] ⁻ = 699.5 amu

Approved By:



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