

18:2 PS

1,2-dilinoeoyl-sn-glycero-3-phospho-L-serine (sodium salt)

840040P-25mg

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Molecular Weight 805.993
Chemical Formula C₄₂H₇₃NO₁₀PNa
Physical State Powder
Storage -20°C
Expiration Date Three months from date of receipt
M Lot Number 5503PJB033
Avanti Lot Number 840040P-25MG-B-033

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: white solid which contains no foreign matter	Pass
TLC	>99% Purity Ninhydrin: positive 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% 18:2 (AUC)	99.6% 18:2 (AUC)
Calcium (ICP/MS)	NMT 500 ppm	54 ppm
UV Oxidation	NMT 5% total all wavelengths	0.8% total all wavelengths
Mass Spectroscopy	[M-Na] ⁺ = 782.99 ± 1 amu	[M-Na] ⁺ = 782.50 amu

Approved By:



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