

18:2 PS
1,2-dilinoleoyl-sn-glycero-3-phospho-L-serine (sodium salt)
840040P-25mg
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Molecular Weight	805.993
Chemical Formula	C ₄₂ H ₇₃ NO ₁₀ PNa
Physical State	Powder
Storage	-20°C
Expiration Date	Three months from date of receipt
M Lot Number	5503PJA028
Avanti Lot Number	840040P-25MG-A-028

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
UV Oxidation	NMT 5% total all wavelengths	1.02% total
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
FAME (GC/FID)	NLT 99% 18:2 (AUC)	100% (AUC)
Calcium (ICP/MS)	NMT 500 ppm	108 ppm
Mass Spectroscopy	[M-Na] ⁻ = 782.993 ± 1 amu	[M-Na] ⁻ = 783 amu

Approved By:



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