

18:0 PS

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

840029P-500mg

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Molecular Weight	814.057
Chemical Formula	C ₄₂ H ₈₁ NO ₁₀ PNa
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5492PPA045
Avanti Lot Number	840029P-500MG-A-045

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: negative Water dip: one major spot	All Pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
FAME (GC/FID)	NLT 99% 18:0 (AUC)	99.6% 18:0 (AUC)
Calcium (ICP/MS)	NMT 500 ppm	360 ppm
Mass Spectroscopy	Negative mode: [M-Na] ⁻ = 791.1 ± 1 amu or Positive mode: [M-Na+2H] ⁺ = 793.1 ± 1 amu	[M-Na] ⁻ = 790.6 amu

Approved By:



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