

16:0-18:1 PS (POPS)

1-palmitoyl-2-oleoyl-sn-glycero-3-phospho-L-serine (sodium salt)

840034P-200mg

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Molecular Weight	783.988
Chemical Formula	C ₄₀ H ₇₅ NO ₁₀ PNa
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5497PNB256
Avanti Lot Number	840034P-200MG-B-256

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)	50 ± 5% 16:0 (AUC) 50 ± 5% 18:1 (AUC) NLT 99% total	47% 16:0 (AUC) 53% 18:1 (AUC) 100% total
Calcium (ICP/MS)	NMT 500 ppm	9 ppm Ca ²⁺
Mass Spectroscopy	Negative mode: [M-Na] ⁻ = 760.988 ± 1 amu or Positive mode: [M-Na+2H] ⁺ = 762.988 ± 1 amu	[M-Na+2H] ⁺ = 762.8 amu

Approved By:



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