

16:0-18:1 PS (POPS)

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

840034C-25mg

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Molecular Weight	783.988
Chemical Formula	C ₄₀ H ₇₅ NO ₁₀ PNa
Physical State	Chloroform
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5497CJA257
Avanti Lot Number	840034C-25MG-A-257

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Chloroform: Clear solution which contains no foreign matter	Pass
TLC	>99% Purity Ninhydrin: positive Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	>99% Purity Ninhydrin: positive Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot
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	47.2% 16:0 (AUC) 52.5% 18:1 (AUC) 100% total
Calcium (ICP/MS)	NMT 500 ppm	146.4 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] ⁺ = 762.7 amu

Approved By:



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