

18:1 PS (DOPS)

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

840035C-10mg

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Molecular Weight	810.025
Chemical Formula	C ₄₂ H ₇₇ NO ₁₀ PNa
Physical State	Chloroform
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5498CIC378
Avanti Lot Number	840035C-10MG-C-378

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Chloroform: Clear solution with no foreign matter	Pass
TLC	>99% Purity Ninhydrin: positive Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	All Pass
HNMR	Consistent with structure	Consistent with structure
FAME (GC/FID)	NLT 99% 18:1 (AUC)	100% (AUC)
Calcium (ICP/MS)	NMT 500 ppm	None Detected
Mass Spectroscopy	Negative mode: [M-Na] ⁻ = 787.025 ± 1 amu or Positive mode: [M-Na+2H] ⁺ = 789.025 ± 1 amu	[M-Na+2H] ⁺ = 788.7 amu

 Approved By: *Anderson Thomas*

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