

18:1 PS (DOPS)

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

840035P-CONF

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Molecular Weight	810.025
Chemical Formula	C ₄₂ H ₇₇ NO ₁₀ PNa
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5498PWD386
Avanti Lot Number	840035P-CONF-D-386

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	>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)	NLT 99% 18:1 (AUC)	100% 18:1 (AUC)
Calcium (ICP/MS)	NMT 500 ppm	BLOQ
Mass Spectroscopy	Negative mode: [M-Na] ⁻ = 787.03 ± 1 amu or Positive mode: [M-Na+2H] ⁺ = 789.03 ± 1 amu	Positive mode: [M-Na+2H] ⁺ = 788.54 amu

Approved By:

