

18:1 PA

1,2-dioleoyl-*sn*-glycero-3-phosphate (sodium salt)

840875P-200mg

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Molecular Weight	722.948
Chemical Formula	C ₃₉ H ₇₂ O ₈ PNa
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5568PNA154
Avanti Lot Number	840875P-200MG-A-154

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	>99% Purity Ninhydrin: negative 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)	99.8% 18:1 (AUC)
Quantitative Phosphorus NMR	Run and Report	99.12 wt% PA
Calcium (ICP/MS)	NMT 500ppm	BLOQ
Mass Spectroscopy	[M-Na] ⁺ = 699.95 ± 1 amu	[M-Na] ⁺ = 699.50 amu

Approved By:



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