

18:1 PA
1,2-dioleoyl-*sn*-glycero-3-phosphate (sodium salt)
840875C-500mg
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Molecular Weight	722.948
Chemical Formula	C ₃₉ H ₇₂ O ₈ PNa
Physical State	Chloroform
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5568CPA151
Avanti Lot Number	840875C-500MG-A-151

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Chloroform: Clear solution which contains no foreign matter	Pass
TLC	>99% Purity Ninhydrin: negative 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
Quantitative Phosphorus NMR	NLT 99% 18:1 PA	99.6% PA
FAME (GC/FID)	NLT 99% 18:1 (AUC)	99.2% 18:1 (AUC)
Calcium (ICP/MS)	NMT 500ppm	85.67 ppm
Mass Spectroscopy	[M-Na] ⁻ = 699.948 ± 1 amu	[M-Na] ⁻ = 699.8 amu

 Approved By: *Meredith Bayroot*

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