

18:1 PA
1,2-dioleoyl-*sn*-glycero-3-phosphate (sodium salt)
840875P-1g
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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	5568PQA152
Avanti Lot Number	840875P-1G-A-152

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	All Pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Quantitative Phosphorus NMR	NLT 99% 18:1 PA	108.96 mg/ml 99.4% PA
FAME (GC/FID)	NLT 99% 18:1 (AUC)	98.6% 18:1 (AUC)
Calcium (ICP/MS)	NMT 500ppm	None detected
Mass Spectroscopy	[M-Na] ⁻ = 699.948 ± 1 amu	[M-Na] ⁻ = 699.8 amu

 Approved By: *Anderson Thomas*

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