

18:1 Lyso PA

 1-oleoyl-2-hydroxy-*sn*-glycero-3-phosphate (sodium salt)

857130P-1g

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Molecular Weight	458.5
Chemical Formula	C ₂₁ H ₄₀ O ₇ PNa
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5798PQA092
Avanti Lot Number	857130P-1G-A-092

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid with 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
FAME (GC/FID)	NLT 99% 18:1 (AUC)	NLT99% (AUC)
Calcium (ICP/MS)	NMT 500 ppm	155.3 ppm
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Quantitative Phosphorus NMR	Run and Report	103.56 mg/mL 99.8% LPA
Mass Spectroscopy	[M-Na] ⁻ = 435.5 ± 1 amu	[M-Na] ⁻ = 435.4 amu


 Approved By:

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