

18:1 Lyso PA

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

857130P-200mg

Page 1 of 1

Molecular Weight	458.502
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	5798PNA094
Avanti Lot Number	857130P-200MG-A-094

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)	100% 18:1 (AUC)
Quantitative Phosphorus NMR	Run and Report	99.8% LPA (wt% phospholipid)
Calcium (ICP/MS)	NMT 500 ppm	278 ppm
Mass Spectroscopy	[M-Na] ⁺ = 435.5 ± 1 amu	[M-Na] ⁺ = 435.3 amu

Approved By:



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