

18:1 Lyso PA

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

857130P-200mg

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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	5798PNA087
Avanti Lot Number	857130P-200MG-A-087

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
FAME (GC/FID)	NLT 99% 18:1 (AUC)	99% (AUC)
Calcium (ICP/MS)	NMT 500ppm	None Detected
Proton NMR	NMR spectrum consistent with reference structure	Consistent with structure
Phosphorus Assay	Concentration $\pm 5\%$ target 95-105% recovery phosphorus	98% recovery
Mass Spectroscopy	[M-Na] ⁻ = 435.502 \pm 1 amu	[M-Na] ⁻ = 435.3 amu

Approved By:



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