

18:1 Cyclic LPA

1-oleoyl-sn-glycero-2,3-cyclic-phosphate (ammonium salt)

857328P-1mg

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Molecular Weight 435.535
Chemical Formula C₂₁H₄₂NO₆P
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 5815PGD014
Avanti Lot Number 857328P-1MG-D-014

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
Phosphorus NMR	NMR spectrum consistent with structure	Consistent with structure
FAME (GC/FID)	NLT 99% 18:1 (AUC)	99.9% (AUC)
Calcium (ICP/MS)	NMT 500 ppm	BLOQ
Mass Spectroscopy	[M-NH ₄] ⁺ = 417.5 ± 1 amu	[M-NH ₄] ⁺ = 417.1 amu

Approved By:



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