

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	C ₂₁ H ₄₂ NO ₆ P
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5815PGC014
Avanti Lot Number	857328P-1MG-C-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	All Pass
FAME (GC/FID)	NLT 99% 18:1 (AUC)	99.9% (AUC)
Phosphorus Assay	95-105% recovery phosphorus	Pass
Calcium (ICP/MS)	NMT 500 ppm	None Detected
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M-NH ₄] ⁺ = 417.535 ± 1 amu	[M-NH ₄] ⁺ = 417.1 amu

Approved By:



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