

18:0 Lyso PA

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

857128P-25mg

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Molecular Weight 460.518
Chemical Formula C₂₁H₄₂O₇PNa
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 5797PJA044
Avanti Lot Number 857128P-25MG-A-044

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: negative Water dip: one major spot	All Pass
FAME (GC/FID)	NLT 99% 18:0 (AUC)	100% (AUC)
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Phosphorus Assay	Concentration ± 5% target 95-105% recovery phosphorus	98% recovery
Calcium (ICP/MS)	NMT 500ppm	None Detected
Mass Spectroscopy	[M-Na] ⁺ = 437.518 ± 1 amu	[M-Na] ⁺ = 437.2 amu

Approved By:

Melissa Liles

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