

17:0 Lyso PA

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

857127P-25MG

Page 1 of 1

Molecular Weight	446.491
Chemical Formula	C ₂₀ H ₄₀ O ₇ PNa
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5796PJA033
Avanti Lot Number	857127P-25MG-A-033

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% 17:0 (AUC)	99.4% (AUC)
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Phosphorus Assay	Concentration ± 5% target 95-105% recovery phosphorus	103.9% recovery
Calcium (ICP/MS)	NMT 500 ppm	None Detected
Mass Spectroscopy	[M-Na] ⁺ = 423.491 ± 1 amu	[M-Na] ⁺ = 423.3 amu

Approved By: *Meredith Bayroot*

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