

16:0 Lyso PA

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

857123P-25mg

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Molecular Weight	432.464
Chemical Formula	C ₁₉ H ₃₈ O ₇ PNa
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5794PJA052
Avanti Lot Number	857123P-25MG-A-052

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
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
FAME (GC/FID)	NLT 99% 16:0 (AUC)	100% 16:0 (AUC)
Quantitative Phosphorus NMR	95-105% recovery phosphorus	104% recovery 100% LPA (wt % phospholipid)
Calcium (ICP/MS)	NMT 500 ppm	581 ppm
Mass Spectroscopy	[M-Na] ⁺ = 409.5 ± 1 amu	[M-Na] ⁺ = 409.2 amu

Approved by:



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