

14:0 Lyso PA

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

857120P-25mg

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Molecular Weight	404.411
Chemical Formula	C ₁₇ H ₃₄ O ₇ PNa
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5793PJB034
Avanti Lot Number	857120P-25MG-B-034

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% 14:0 (AUC)	100% (AUC)
Calcium (ICP/MS)	NMT 500 ppm	59.8 ppm
Phosphorus Assay	95-105% recovery phosphorus	102% recovery
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M-Na] ⁺ = 381.411 ± 1 amu	[M-Na] ⁺ = 381.4 amu

Approved By:



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