

18:0 Lyso PG

1-stearoyl-2-hydroxy-sn-glycero-3-phospho-(1'-rac-glycerol) (sodium salt)

858124P-500mg

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Molecular Weight	534.596
Chemical Formula	C ₂₄ H ₄₈ O ₉ PNa
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5852PPA052
Avanti Lot Number	858124P-500MG-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% 18:0 (AUC)	99.6% 18:0 (AUC)
Quantitative Phosphorus NMR	Run and Report	102% recovery 99.1% LPG
Calcium (ICP/MS)	NMT 500 ppm	BLOQ
Mass Spectroscopy	[M-Na] ⁺ = 511.6 ± 1 amu	[M-Na] ⁺ = 511.3 amu

Approved By:



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