

17:1 Lyso PS

1-(10Z-heptadecenoyl)-2-hydroxy-sn-glycero-3-[phospho-L-serine] (sodium salt)

858141P-5mg

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Molecular Weight	531.552
Chemical Formula	C ₂₃ H ₄₃ NO ₉ PNa
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5857PHA014
Avanti Lot Number	858141P-5MG-A-014

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC	>99% Purity Ninhydrin: positive Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	All Pass
FAME (GC/FID)	NLT 99% 17:1 (AUC)	100% (AUC)
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Phosphorus Assay	Concentration ± 5% target 95-105% recovery phosphorus	98.8% recovery
Calcium (ICP/MS)	NMT 500ppm	44.1 ppm
Mass Spectroscopy	[M-Na+2H] ⁺ = 510.552 ± 1 amu [M-Na] ⁻ = 508.552 ± 1 amu	[M-Na+2H] ⁺ = 510.6 amu

Approved By:



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