

17:1 Lyso PS

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

858141C-5mg

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Molecular Weight	531.552
Chemical Formula	C ₂₃ H ₄₃ NNaO ₉ P
Physical State	Chloroform
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5857CHD015
Avanti Lot Number	858141C-5MG-D-015

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Chloroform: Clear solution with 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	102% recovery
Calcium (ICP/MS)	NMT 500 ppm	None Detected
Mass Spectroscopy	[M-Na+2H] ⁺ = 510.552 ± 1 amu [M-Na] ⁻ = 508.552 ± 1 amu	[M-Na] ⁻ = 508.4 amu

Melissa Bolin

Approved By:

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