

18:1 Lyso PS

1-oleoyl-2-hydroxy-sn-glycero-3-phospho-L-serine (sodium salt)

858143P-5mg

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Molecular Weight	545.579
Chemical Formula	C ₂₄ H ₄₅ NO ₉ PNa
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5859PHA041
Avanti Lot Number	858143P-5MG-A-041

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid with no foreign matter	Pass
TLC	>99% Purity Ninhydrin: positive Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	>99% Purity Ninhydrin: positive Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot
FAME (GC/FID)	NLT 99% 18:1 (AUC)	100% (AUC)
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Phosphorus NMR	Run and Report	98.62%
Mass Spectroscopy	[M-Na] ⁺ = 522.579 ± 1 amu	[M-Na] ⁺ = 522.4 amu
Calcium (ICP/MS)	NMT 500 ppm	None Detected

 Approved by: *Anderson Thomas*

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