

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	5859PHA037
Avanti Lot Number	858143P-5MG-A-037

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% 18:1 (AUC)	100% (AUC)
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M-H] ⁻ = 544.579 ± 1 amu [M-Na] ⁻ = 522.579 ± 1 amu	[M-H] ⁻ = 544.6 amu [M-Na] ⁻ = 522.6 amu
Calcium (ICP/MS)	NMT 500ppm	301 ppm

Approved by:

