

18:0 Lyso PS

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

858144P-1mg

Page 1 of 1

Molecular Weight	547.595
Chemical Formula	C ₂₄ H ₄₇ NPO ₉ Na
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5860PGD011
Avanti Lot Number	858144P-1MG-D-011

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: negative Water dip: one major spot	All Pass
FAME (GC/FID)	NLT 99% 18:0 (AUC)	99.6% (AUC)
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M-H] ⁻ = 546.595 ± 1 amu [M-Na] ⁻ = 524.595 ± 1 amu	[M-H] ⁻ = 546.4 amu [M-Na] ⁻ = 524.4 amu
Phosphorus Assay	95-105% recovery phosphorus	101.9% recovery
Calcium (ICP/MS)	NMT 500 ppm	None Detected

Approved By:



For Research Use Only. Not For Human Use.