

18:0-18:2 PS

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

840063P-10mg

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Molecular Weight 810.025
Chemical Formula $C_{42}H_{77}NO_{10}PNa$
Physical State Powder
Storage -20°C
Expiration Date Three months from date of receipt
M Lot Number 5518PIC029
Avanti Lot Number 840063P-10MG-C-029

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	>99% Purity Ninhydrin: positive Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
FAME (GC/FID)	NLT 50 ± 5% 18:0 (AUC) NLT 50 ± 5% 18:2 (AUC) NLT 99% total (AUC)	50.8% 18:0(AUC) 48.9% 18:2 (AUC) 99.7% total (AUC)
UV Oxidation	NMT 5% total all wavelengths	0.43% total all wavelength
Calcium (ICP/MS)	NMT 500ppm	None detected
Mass Spectroscopy	$[M-Na]^+ = 787.0 \pm 1$ amu	$[M-Na]^+ = 786.8$ amu

Approved By:



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