

16:0-18:2 PS

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

840060P-10mg

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Molecular Weight 781.972
Chemical Formula C₄₀H₇₃NO₁₀PNa
Physical State Powder
Storage -20°C
Expiration Date Three months from date of receipt
M Lot Number 5515PIA036
Avanti Lot Number 840060P-10MG-A-036

ANALYSIS	SPECIFICATION	SOP
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 47Phosphorus: positive Charring: positive Water dip: one major spot
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
FAME (GC/FID)	NLT 50 ± 5% 16:0 (AUC) NLT 50 ± 5% 18:2 (AUC) NLT 99% Total (AUC)	47.6% 16:0 (AUC) 52.1% 18:2 (AUC) 99.7% total (AUC)
Calcium (ICP/MS)	NMT 500 ppm	BLOQ
UV Oxidation	NMT 5% total all wavelengths	0.44% total all wavelength
Mass Spectroscopy	[M-Na] ⁺ = 758.97 ± 1 amu	[M-Na] ⁺ = 758.49 amu

Approved by:



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