

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	C ₄₀ H ₇₃ NO ₁₀ PNa
Physical State	Powder
Storage	-20°C
Expiration Date	Three months from date of receipt
M Lot Number	5515PIA032
Avanti Lot Number	840060P-10MG-A-032

ANALYSIS	SPECIFICATION	SOP
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	All Pass
UV Oxidation	NMT 5% total all wavelengths	0.66% total all wavelengths
FAME (GC/FID)	NLT 50 ± 5% 16:0 (AUC) NLT 50 ± 5% 18:2 (AUC) NLT 99% Total	47.1% 16:0 (AUC) 52.9% 18:2 (AUC) 100% total
Calcium (ICP/MS)	NMT 500 ppm	93.9 ppm
Mass Spectroscopy	[M-Na] ⁻ = 758.972 ± 1 amu	[M-Na] ⁻ = 758.7 amu
Proton NMR	NMR spectrum consistent with structure	Consistent with structure



Approved by:

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