

18:0-18:2 PS

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

840063C-10MG

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Molecular Weight	810.025
Chemical Formula	C ₄₂ H ₇₇ NO ₁₀ PNa
Physical State	Chloroform
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5518CIC029
Avanti Lot Number	840063C-10MG-C-029

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Chloroform: Clear solution 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
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
UV Oxidation	NMT 5% total all wavelengths	0% total
FAME (GC/FID)	NLT 50 ± 5% 18:0 (AUC) NLT 50 ± 5% 18:2 (AUC) NLT 99% Total	18:0 = 51% (AUC) 18:2 = 49% (AUC) 100% total
Calcium (ICP/MS)	NMT 500 ppm	None Detected
Mass Spectroscopy	[M-Na] ⁻ = 787.025 ± 1 amu	[M-Na] ⁻ = 786.8 amu

Approved By:



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