

18:0-22:6 PS
1-stearoyl-2-docosahexaenoyl-sn-glycero-3-phospho-L-serine (sodium salt)
840065C-25mg

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Molecular Weight	858.068
Chemical Formula	C ₄₆ H ₇₇ NO ₁₀ PNa
Physical State	Chloroform
Storage	-20°C
Expiration Date	Three months from date of receipt
M Lot Number	5520CJB028
Avanti Lot Number	840065C-25MG-B-028

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
UV Oxidation	NMT 5% total all wavelengths	0.72% total
Proton NMR	Spectrum consistent with structure	Consistent with structure
FAME (GC/FID)	NLT 50 ± 5% 18:0 (AUC) NLT 50 ± 5% 22:6 (AUC) NLT 99% total	49% 18:0 (AUC) 51% 22:0 (AUC) 100% total
Calcium (ICP/MS)	NMT 500ppm	50.7 ppm
Mass Spectroscopy	[M-Na] ⁻ = 835.078 ± 1 amu	[M-Na] ⁻ = 834.6 amu

 Approved By: *Anderson Thomas*

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