

**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<sub>46</sub>H<sub>77</sub>NO<sub>10</sub>PNa  
**Physical State** Chloroform  
**Storage** -20°C  
**Expiration Date** Three months from date of receipt  
**M Lot Number** 5520CJA027  
**Avanti Lot Number** 840065C-25MG-A-027

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Chloroform:</b> 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	0.08% 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	46% 18:0 (AUC) 54% 22:0 (AUC) 100% total
Calcium (ICP/MS)	NMT 500ppm	122858.068-23 ppm
Mass Spectroscopy	[M-Na] <sup>-</sup> = 835.078 ± 1 amu	[M-Na] <sup>-</sup> = 834.93 amu

Approved By: *Anderson Thomas*

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