

**16:0-20:4 PS**

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

**840061C-10mg**

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**Molecular Weight** 805.993  
**Chemical Formula** C<sub>42</sub>H<sub>73</sub>NO<sub>10</sub>PNa  
**Physical State** Chloroform  
**Storage** -20°C  
**Expiration Date** Three months from date of receipt  
**M Lot Number** 5516CIA027  
**Avanti Lot Number** 840061C-1MG-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	0.58% total
FAME (GC/FID)	NLT 50 ± 5% 16:0 (AUC) NLT 50 ± 5% 20:4 (AUC) NLT 99% total	45% 16:0 (AUC) 55% 20:4 (AUC) 100% total
Calcium (ICP/MS)	NMT 500 ppm	None Detected
Mass Spectroscopy	[M-Na+2H] <sup>+</sup> = 784.993 ± 1 amu	Pass

Approved By:



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