

**16:0-18:2 PS**

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

**840060P-10mg**

**Page 1 of 1**

**Molecular Weight** 781.972  
**Chemical Formula** C<sub>40</sub>H<sub>73</sub>NO<sub>10</sub>PNa  
**Physical State** Powder  
**Storage** -20°C  
**Expiration Date** Three months from date of receipt  
**M Lot Number** 5515PID030  
**Avanti Lot Number** 840060P-1MG-D-030

ANALYSIS	SPECIFICATION	SOP
Physical Examination	<b>Powder:</b> White solid which contains 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	0.48% total all wavelengths
FAME (GC/FID)	NLT 50 ± 5% 16:0 (AUC) NLT 50 ± 5% 18:2 (AUC) NLT 99% Total	47.2% 16:0 (AUC) 52.8% 18:2 (AUC) 100% total
Calcium (ICP/MS)	NMT 500 ppm	None Detected
Mass Spectroscopy	[M-Na] <sup>-</sup> = 758.972 ± 1 amu	[M-Na] <sup>-</sup> = 758.8 amu

Approved by:



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