

**16:0-18:2 PS**
**1-palmitoyl-2-linoleoyl-sn-glycero-3-phospho-L-serine (sodium salt)**
**840060C-10mg**
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<b>Molecular Weight</b>	781.972
<b>Chemical Formula</b>	C <sub>40</sub> H <sub>73</sub> NO <sub>10</sub> PNa
<b>Physical State</b>	Chloroform
<b>Storage</b>	-20°C
<b>Expiration Date</b>	Three months from date of receipt
<b>M Lot Number</b>	5515CIB033
<b>Avanti Lot Number</b>	840060C-10MG-B-033

ANALYSIS	SPECIFICATION	SOP
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 wavelengths	0.90%
FAME (GC/FID)	NLT 50 ± 5% 16:0 (AUC) NLT 50 ± 5% 18:2 (AUC) NLT 99% Total	47.5% 16:0 (AUC) 52.5% 18:2 (AUC) 100% total
Calcium (ICP/MS)	NMT 500 ppm	50.9 ppm
Mass Spectroscopy	[M-Na] <sup>-</sup> = 758.972 ± 1 amu	[M-Na] <sup>-</sup> = 758.7 amu
Proton NMR	NMR spectrum consistent with structure	Consistent with structure



Approved by:

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