

**16:0-18:1(n9) PS-IsoPure**

1-palmitoyl-2-oleoyl-sn-glycero-3-phospho-L-serine (sodium salt), IsoPure

**792522C-5mg**

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<b>Molecular Weight</b>	784.00
<b>Chemical Formula</b>	C <sub>40</sub> H <sub>75</sub> NNaO <sub>10</sub> P
<b>Physical State</b>	Chloroform
<b>Storage</b>	-20°C
<b>Expiration Date</b>	One year from date of receipt
<b>M Lot Number</b>	6751CHA010
<b>Avanti Lot Number</b>	792522C-5MG-A-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Chloroform:</b> Clear, colorless solution which contains no foreign matter	Pass
TLC	>99% Purity Ninhydrin spray: negative Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	All Pass
FAME (GC/FID)	NLT 99% combined 16:0 and 18:1 (AUC)	100% (AUC)
Carbon NMR	Consistent with structure NMT 5% acyl migration	Consistent with structure None Detected
Calcium (ICP/MS)	NMT 500 ppm	None Detected
Mass Spectroscopy	[M-Na] <sup>-</sup> = 761.00 ± 1 amu	[M-Na] <sup>-</sup> = 760.9 amu

Approved By:



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