

**18:1 PS (DOPS)**

1,2-dioleoyl-sn-glycero-3-phospho-L-serine (sodium salt)

**840035C-500mg**

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<b>Molecular Weight</b>	810.03
<b>Chemical Formula</b>	C <sub>42</sub> H <sub>77</sub> NO <sub>10</sub> PNa
<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>	5498CPB380
<b>Avanti Lot Number</b>	840035C-500MG-B-380

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
HNMR	Consistent with structure	Consistent with structure
FAME (GC/FID)	NLT 99% 18:1 (AUC)	100% (AUC)
Calcium (ICP/MS)	NMT 500 ppm	None Detected
Mass Spectroscopy	Negative mode: [M-Na] <sup>-</sup> = 787.03 ± 1 amu or Positive mode: [M-Na+2H] <sup>+</sup> = 789.03 ± 1 amu	[M-Na] <sup>-</sup> = 786.7 amu

 Approved By: *Andriana Thomas*

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