

**18:0 PS**

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

**840029P-500mg**

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<b>Molecular Weight</b>	814.057
<b>Chemical Formula</b>	C <sub>42</sub> H <sub>81</sub> NO <sub>10</sub> PNa
<b>Physical State</b>	Powder
<b>Storage</b>	-20°C
<b>Expiration Date</b>	One year from date of receipt
<b>M Lot Number</b>	5492PPB042
<b>Avanti Lot Number</b>	840029P-500MG-B-042

ANALYSIS	SPECIFICATION	RESULTS
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: negative Water dip: one major spot	All Pass
FAME (GC/FID)	NLT 99% 18:0 (AUC)	99.7% 18:0 (AUC)
Calcium (ICP/MS)	NMT 500ppm	None detected
Mass Spectroscopy	Negative mode: [M-Na] <sup>-</sup> = 791.057 ± 1 amu or Positive mode: [M-Na+2H] <sup>+</sup> = 793.057 ± 1 amu	[M-Na] <sup>-</sup> = 790.5 amu

Approved By:

