

**18:0-18:1 PS**
**1-stearoyl-2-oleoyl-sn-glycero-3-phospho-L-serine (sodium salt)**
**840039P-10mg**
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<b>Molecular Weight</b>	812.041
<b>Chemical Formula</b>	C <sub>42</sub> H <sub>79</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>	5502PIA043
<b>Avanti Lot Number</b>	840039P-10MG-A-043

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: positive Water dip: one major spot	All Pass
FAME (GC/FID)	50 ± 5% 18:0 (AUC) 50 ± 5% 18:1 (AUC) NLT 99% total	50.0% 18:0 (AUC) 49.8% 18:1 (AUC) Total 99.8%
Calcium (ICP/MS)	NMT 500ppm	None detected
Mass Spectroscopy	Negative mode: [M-Na] <sup>-</sup> = 789.041 ± 1 amu or Positive mode: [M-Na+2H] <sup>+</sup> = 791.041 ± 1 amu	[M-Na+2H] <sup>+</sup> = 788.7 amu

Approved by:

