

**12:0 PS**
**1,2-dilauroyl-sn-glycero-3-phospho-L-serine (sodium salt)**
**840038P-200mg**
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<b>Molecular Weight</b>	645.738
<b>Chemical Formula</b>	C <sub>30</sub> H <sub>57</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>	5501PNA025
<b>Avanti Lot Number</b>	840038P-200MG-A-025

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% 12:0 (AUC)	99.5% 12:0 (AUC)
Calcium (ICP/MS)	NMT 500ppm	None Detected
Mass Spectroscopy	Negative mode: [M-Na] <sup>-</sup> = 622.738 ± 1 amu or Positive mode: [M-Na+2H] <sup>+</sup> = 624.738 ± 1 amu	[M-Na] <sup>-</sup> = 622.3 amu

Approved by:

