

**18:2 PS**
**1,2-dilinoleoyl-sn-glycero-3-phospho-L-serine (sodium salt)**
**840040P-25mg**
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<b>Molecular Weight</b>	805.9
<b>Chemical Formula</b>	C <sub>42</sub> H <sub>73</sub> NO <sub>10</sub> PNa
<b>Physical State</b>	Powder
<b>Storage</b>	-20°C
<b>Expiration Date</b>	Three months from date of receipt
<b>M Lot Number</b>	5503PJA029
<b>Avanti Lot Number</b>	840040P-25MG-A-029

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
UV Oxidation	NMT 5% total all wavelengths	0.87% total
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
FAME (GC/FID)	NLT 99% 18:2 (AUC)	99.9% (AUC)
Calcium (ICP/MS)	NMT 500 ppm	27.8 ppm
Mass Spectroscopy	[M-Na] <sup>-</sup> = 782.9 ± 1 amu	[M-Na] <sup>-</sup> = 782.8 amu

 Approved By: *Anderson Thomas*

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