

**18:2 PS**
**1,2-dilinoleoyl-sn-glycero-3-phospho-L-serine (sodium salt)**
**840040P-25mg**
**Page 1 of 1**

<b>Molecular Weight</b>	805.993
<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>	5503PJD028
<b>Avanti Lot Number</b>	840040P-25MG-D-028

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	1.02% total
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
FAME (GC/FID)	NLT 99% 18:2 (AUC)	100% (AUC)
Calcium (ICP/MS)	NMT 500 ppm	108 ppm
Mass Spectroscopy	[M-Na] <sup>-</sup> = 782.993 ± 1 amu	[M-Na] <sup>-</sup> = 783 amu

Approved By:



For Research Use Only. Not For Human Use.