

**18:1 PA**
**1,2-dioleoyl-*sn*-glycero-3-phosphate (sodium salt)**
**840875P-500mg**
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<b>Molecular Weight</b>	722.948
<b>Chemical Formula</b>	C <sub>39</sub> H <sub>72</sub> O <sub>8</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>	5568PPD152
<b>Avanti Lot Number</b>	840875P-500MG-D-152

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Powder:</b> White solid which contains no foreign matter	Pass
TLC	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	All Pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Quantitative Phosphorus NMR	NLT 99% 18:1 PA	99.4% PA
FAME (GC/FID)	NLT 99% 18:1 (AUC)	98.6% 18:1 (AUC)
Calcium (ICP/MS)	NMT 500ppm	None detected
Mass Spectroscopy	[M-Na] <sup>-</sup> = 699.948 ± 1 amu	[M-Na] <sup>-</sup> = 699.8 amu

 Approved By: *Anderson Thomas*

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