

**16:0-18:1 PG**
**1-palmitoyl-2-oleoyl-sn-glycero-3-phospho-(1'-rac-glycerol) (sodium salt)**
**840457P-500mg**
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<b>Molecular Weight</b>	770.989
<b>Chemical Formula</b>	C <sub>40</sub> H <sub>76</sub> O <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>	5535PPC148
<b>Avanti Lot Number</b>	840457P-500MG-C-148

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Powder:</b> White solid which contains no foreign material.	Pass
TLC	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	All Pass
FAME (GC/FID)	50 ± 5% 16:0 (AUC) 50 ± 5% 18:1 (AUC) NLT 99% total	46.6% 16:0 (AUC) 53.2% 18:1 (AUC) 99.8% total
Calcium (ICP/MS)	NMT 500ppm	None Detected
Mass Spectroscopy	[M-Na] <sup>-</sup> = 747.989 ± 1 amu	[M-Na] <sup>-</sup> = 748.0 amu

 Approved By: *Andriana Thomas*

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