

**16:0-18:1 PG**
**1-palmitoyl-2-oleoyl-sn-glycero-3-phospho-(1'-rac-glycerol) (sodium salt)**
**840457P-1g**
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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>	5535PQA146
<b>Avanti Lot Number</b>	840457P-1G-A-146

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
FAME (GC/FID)	50 ± 5% 16:0 (AUC) 50 ± 5% 18:1 (AUC) NLT 99% total	46.5% 16:0 9AUC) 53.2% 18:1 (AUC) Total 99.7%
Calcium (ICP/MS)	NMT 500ppm	None detected
Mass Spectroscopy	Negative mode: [M-Na] <sup>-</sup> = 747.989 ± 1 amu or Positive mode: [M-Na+2H] <sup>+</sup> = 749.989 ± 1 amu	[M-Na] <sup>-</sup> = 747.6 amu

Approved by:

