

**16:0-18:1 PG**

**1-palmitoyl-2-oleoyl-sn-glycero-3-phospho-(1'-rac-glycerol) (sodium salt)**

**840457C-25mg**

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**Molecular Weight** 770.989  
**Chemical Formula** C<sub>40</sub>H<sub>76</sub>O<sub>10</sub>PNa  
**Physical State** Chloroform  
**Storage** -20 °C  
**Expiration Date** One year from date of receipt  
**M Lot Number** 5535CJA144  
**Avanti Lot Number** 840457C-25MG-A-144

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	<b>Chloroform:</b> Clear solution with no foreign matter.	Pass
TLC	>99% Purity Ninhydrin: positive 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) 52.3% 18:1 (AUC) Total 99%
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:

