

**16:0-18:2 PG**

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

**840497P-25mg**

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<b>Molecular Weight</b>	768.973
<b>Chemical Formula</b>	C <sub>40</sub> H <sub>74</sub> O <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>	5543PJB036
<b>Avanti Lot Number</b>	840497P-25MG-B-036

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Powder:</b> White powder 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
UV Oxidation	NMT 5% total all wavelengths	0.78% total
FAME (GC/FID)	50 ± 5% 16:0 (AUC) 50 ± 5% 18:2 (AUC) NLT 99% total (AUC)	47.2% 16:0 (AUC) 52.7% 18:2 (AUC) 99.9% total (AUC)
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Calcium (ICP/MS)	NMT 500 ppm	195 ppm
Mass Spectroscopy	[M-Na] <sup>+</sup> = 746.0 ± 1 amu	[M-Na] <sup>+</sup> = 745.7 amu

Approved By:



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