

**16:0-22:6 PG**

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

**840500C-25mg**

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<b>Molecular Weight</b>	817.016
<b>Chemical Formula</b>	C <sub>44</sub> H <sub>74</sub> O <sub>10</sub> PNa
<b>Physical State</b>	Chloroform
<b>Storage</b>	-20°C
<b>Expiration Date</b>	Three months from date of receipt
<b>M Lot Number</b>	5545CJA021
<b>Avanti Lot Number</b>	840500C-25MG-A-021

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Chloroform: Clear solution with 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
FAME (GC/FID)	NLT 99% total 16:0 and 22:6 (AUC)	100% total 16:0 and 22:6 (AUC)
UV Oxidation	NMT 5% total all wavelengths	0.92% total all wavelengths
Calcium (ICP/MS)	NMT 500 ppm	BLOQ
Mass Spectroscopy	[M-Na] <sup>+</sup> = 794.0 ± 1 amu	[M-Na] <sup>+</sup> = 793.5 amu

Approved by:



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