

**18:3 PG**

**1,2-dilinolenoyl-sn-glycero-3-phospho-(1'-rac-glycerol) (sodium salt)**

**840487C-25mg**

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<b>Molecular Weight</b>	788.963
<b>Chemical Formula</b>	C <sub>42</sub> H <sub>70</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>	5540CJA023
<b>Avanti Lot Number</b>	840487C-25MG-A-023

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	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
FAME (GC/FID)	NLT 99% 18:3 (AUC)	99.3% 18:3 (AUC)
UV Oxidation	NMT 5% total all wavelengths	0.59% total all wavelengths
Calcium (ICP/MS)	NMT 500 ppm	283 ppm
Mass Spectroscopy	[M-Na] <sup>+</sup> = 765.96 ± 1 amu	[M-Na] <sup>+</sup> = 765.47 amu

Approved By:



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