

**18:1 (Δ9-Cis) PG**

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

**840475P-500mg**

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<b>Molecular Weight</b>	797.026
<b>Chemical Formula</b>	C <sub>42</sub> H <sub>78</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>	5537PPB146
<b>Avanti Lot Number</b>	840475P-500MG-B-146

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Powder:</b> white solid 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
FAME (GC/FID)	NLT 99% 18:1 (AUC)	99.5% (AUC)
Calcium (ICP/MS)	NMT 500 ppm	None Detected
Mass Spectroscopy	[M-Na] <sup>-</sup> = 774.026 ± 1 amu	[M-Na] <sup>-</sup> = 774.0 amu
Proton NMR	NMR spectrum consistent with structure	Consistent with structure

 Approved By: *Andriana Thomas*

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