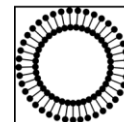
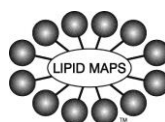


17:0-20:4 PG

1-heptadecanoyl-2-(5Z,8Z,11Z,14Z-eicosatetraenoyl)-sn-glycerol-3-phospho-(1'-rac-glycerol) (ammonium salt)

LIPIDMAPS™ Compound ID: LMGP04010006

**Avanti®**
POLAR LIPIDS, INC.

Molecular Weight: 802.07

Exact Mass: 801.55

Molecular Formula: C₄₃H₈₀NO₁₀P

Storage: -20° C (Freezer)

Manufacture Date: August 1, 2017

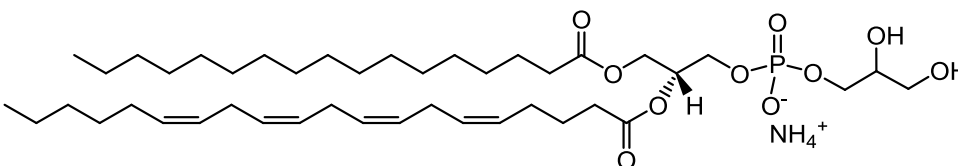
Expiration Date: One year from date of receipt

Physical Form: Methanol Solution (1ml per vial)

Concentration: 9.68 µg/ml (12.07 µM)

Lot Number: LM1202-LM17-038A

MLOT: 6413WAA038

**Certificate of Analysis**

Test	Limits	Result
Mass Spec	Consistent with Structure, [M-NH ₄] ⁻ = 784.1 ± 1amu	Pass
Quantitative LC/MS	Run and Report	9.68 µg/ml 12.07 µM
HPLC/ELSD	NLT 99% Purity (AUC)	99.7% (AUC)
GC-FAME	NLT 99% Purity (AUC) (17:0+20:4)	100% (AUC)
Phosphorus NMR	Consistent with Structure	Pass
Proton NMR	Consistent with Structure	Pass
TLC Analysis (Mobile Phase 65:25:4 Chloroform:Methanol:Water)	R _f consistent with structure, NLT 99% Purity	Pass
Ninhydrin	Negative	Negative
Iodine	One Major Spot	One Spot
Phosphorus	Positive	Positive
Char	Positive	Positive
Wet Dip	One Major Spot	One Spot

Approved by:

Avanti Polar Lipids, Inc. 700 Industrial Park Drive, Alabaster, AL 35007-9105, USA

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