

16:0-18:2 PG

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

840497P-25mg

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Molecular Weight	768.973
Chemical Formula	C ₄₀ H ₇₄ O ₁₀ PNa
Physical State	Powder
Storage	-20°C
Expiration Date	Three months from date of receipt
M Lot Number	5543PJB034
Avanti Lot Number	840497P-25MG-B-034

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: 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
UV Oxidation	NMT 5% total all wavelengths	0.56% total
FAME (GC/FID)	50 ± 5% 16:0 (AUC) 50 ± 5% 18:2 (AUC) NLT 99% total (AUC)	47.0% 16:0 (AUC) 53.0% 18:2 (AUC) 100.0% total (AUC)
Mass Spectroscopy	[M-Na] ⁺ = 745.93 ± 1 amu	[M-Na] ⁺ = 745.9 amu
Calcium (ICP/MS)	NMT 500 ppm	228.64 ppm
Proton NMR	NMR spectrum consistent with structure	Consistent with structure

Approved By: *Andriana Thomas*

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