

16:0-18:2 PG**1-palmitoy-2-linoleyl-sn-glycero-3-phospho(1'-rac-glycerol) (sodium salt)****840497P-25mg****Page 1 of 1**

Molecular Weight 768.973
Chemical Formula C₄₀H₇₄O₁₀PNa
Physical State Chloroform
Storage -20°C
Expiration Date Three months from date of receipt
M Lot Number 5543PJA035
Avanti Lot Number 840497P-25MG-A-035

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	All Pass
UV Oxidation	NMT 5% total all wavelengths	0.57% total
FAME (GC/FID)	50 ± 5% 16:0 (AUC) 50 ± 5% 18:2 (AUC) NLT 99% total (AUC)	47.2% 16:0 (AUC) 52.8% 18:2 (AUC) 100.0% total (AUC)
Mass Spectroscopy	[M-Na] ⁺ = 745.93 ± 1 amu	[M-Na] ⁺ = 745.6 amu
Calcium (ICP/MS)	NMT 500 ppm	107.5 ppm
Proton NMR	NMR spectrum consistent with structure	Consistent with structure



Approved By:

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