

16:0-18:2 PG

1-palmitoyl-2-linoleoyl-sn-glycero-3-phospho-(1'-rac-glycerol) (sodium salt)

840497P-25mg

Page 1 of 1

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	5543PJF032
Avanti Lot Number	840497P-25MG-F-032

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains 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	0.51% total
FAME (GC/FID)	50 ± 5% 16:0 AUC 50 ± 5% 18:2 AUC NLT 99% total (AUC)	46.6% 16:0 (AUC) 53.4% 18:2 (AUC) 100% total (AUC)
Mass Spectroscopy	[M-Na] ⁺ = 745.973 ± 1 amu	[M-Na] ⁺ = 745.7 amu
Calcium (ICP/MS)	NMT 500 ppm	None Detected

Approved By:



For Research Use Only. Not For Human Use.