

16:0-18:2 PA

1-palmitoyl-2-linoleoyl-sn-glycero-3-phosphate (sodium salt)

840858P-25MG

Page 1 of 1

Molecular Weight	694.895
Chemical Formula	C ₃₇ H ₆₈ O ₈ PNa
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5561PJA033
Avanti Lot Number	840858P-25MG-A-033

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White powder which contains 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
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
FAME (GC/FID)	50 ± 5% 16:0 AUC 50 ± 5% 18:2 AUC NLT 99% total (AUC)	47% 16:0 53% 18:2 100% total (AUC)
UV Oxidation	NMT 5% total all wavelengths	1% total
Calcium (ICP/MS)	NMT 500 ppm	79 ppm
Mass Spectroscopy	[M-Na] ⁺ = 671.9 ± 1 amu	[M-Na] ⁺ = 671.8 amu

Approved By:



For Research Use Only. Not For Human Use.