

16:0-18:2 PC

1-palmitoyl-2-linoleoyl-sn-glycero-3-phosphocholine

850458P-25mg

Page 1 of 1

Molecular Weight	758.06
Chemical Formula	C ₄₂ H ₈₀ NO ₈ P
Physical State	Powder
Storage	-20°C
Expiration Date	Three months from date of receipt
M Lot Number	5680PJG067
Avanti Lot Number	850458P-25MG-G-067

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
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	47.8% 16:0 (AUC) 52.2% 18:2 (AUC) 100% total
UV Oxidation	NMT 5% total all wavelengths	0.26% total
Mass Spectroscopy	[M+H] ⁺ = 759.1 ± 1 amu	[M+H] ⁺ = 758.9 amu

Approved By:



For Research Use Only. Not For Human Use.