

16:0-18:1 PC
1-palmitoyl-2-oleoyl-sn-glycero-3-phosphocholine
850457C-25mg

Page 1 of 1

Molecular Weight	760.076
Chemical Formula	C ₄₂ H ₈₂ NO ₈ P
Physical State	Chloroform
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5679CJB217
Avanti Lot Number	850457C-25MG-B-217

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Chloroform: Clear solution which contains no foreign matter	Pass
TLC	>99% Purity Ninhydrin spray: 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
Mass Spectroscopy	[M+H] ⁺ = 761.076 ± 1 amu	[M+H] ⁺ = 760.5 amu
FAME (GC/FID)	50% ± 5% 16:0 (AUC) 50% ± 5% 18:1 (AUC) NLT 99% Total	46.6% 16:0 (AUC) 53.4% 18:1 (AUC) 100% total (AUC)



Approved By:

For Research Use Only. Not For Human Use.