

18:1-16:0 PC
1-oleoyl-2-palmitoyl-sn-glycero-3-phosphocholine
850475P-25mg
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Molecular Weight	760.076
Chemical Formula	C ₄₂ H ₈₂ NO ₈ P
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5690PJB081
Avanti Lot Number	850475P-25MG-B-081

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)	NLT 50% ± 5% 18:1 (AUC) NLT 50% ± 5% 16:0 (AUC) NLT 99% total	46.7% 16:0 (AUC) 53.1% 18:1 (AUC) 99.8% total
Mass Spectroscopy	[M+H] ⁺ = 761.076 ± 1 amu	[M+H] ⁺ = 761.0 amu

 Approved By: *Meredith Bayfoot*

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