

16:0-18:1(n9) PC(IsoPure)

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

792453C-25mg

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Molecular Weight	760.09
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	6743CJD010
Avanti Lot Number	792453C-25MG-D-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Chloroform: Clear, colorless solution 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
FAME (GC/FID)	NLT 99% combined 16:0 and 18:1 (AUC)	99.6% (AUC)
Carbon NMR	NMR spectrum consistent with structure NMT 5% acyl migration	Consistent with structure <5% acyl migration
Mass Spectroscopy	[M+H] ⁺ = 761.09 ± 1 amu	[M+H] ⁺ = 761.1 amu

 Approved By: *Andriana Thomas*

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