

20:4-16:0 PC (IsoPure)

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

792485C-5MG

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Molecular Weight	782.10
Chemical Formula	C ₄₄ H ₈₀ NO ₈ P
Physical State	Chloroform
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6746CHI010
Avanti Lot Number	792485C-5MG-I-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
UV Oxidation	NMT 5% total all wavelengths	0.07% total
Carbon NMR	NMR spectrum consistent with structure NMT 5% acyl migration	Consistent with structure <5% acyl migration
FAME (GC/FID)	NLT 99% (AUC)	99.6% (AUC)
Mass Spectroscopy	[M+H] ⁺ = 783.10 ± 1 amu	[M+H] ⁺ = 783.4 amu

Approved By:



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