

18:1(n10)-16:0 PC
1-palmitoyl-2-(8Z-octadecenoyl)-glycero-3-phosphocholine
860321C-10mg
Page 1 of 1

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	6732CIB010
Avanti Lot Number	860321C-10MG-B-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Chloroform: Clear, colorless 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
Mass Spectroscopy	[M+H] ⁺ = 761.09 ± 1 amu	[M+H] ⁺ = 761.2 amu
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 Pass

 Approved By: *Andriana Thomas*

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