

16:0-20:4 PC

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

850459C-25mg

Page 1 of 1

Molecular Weight	782.082
Chemical Formula	C ₄₄ H ₈₀ NO ₈ P
Physical State	Chloroform
Storage	-20°C
Expiration Date	Three months from date of receipt
M Lot Number	5681CJL165
Avanti Lot Number	850459C-25MG-L-165

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Chloroform: Clear solution with 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
UV Oxidation	NMT 5% total all wavelengths	0% total
FAME (GC/FID)	50% ± 5% 16:0 (AUC) 50% ± 5% 20:4 (AUC) NLT 99% total	45% 16:0 55% 20:4 100% total
Mass Spectroscopy	[M+H] ⁺ = 783.1 ± 1 amu	[M+H] ⁺ = 782.8 amu

Approved By:



For Research Use Only. Not For Human Use.