

22:6 (Cis) PC

1,2-didocosahexaenoyl-sn-glycero-3-phosphocholine

850400C-25mg

Page 1 of 1

Molecular Weight	878.18
Chemical Formula	C ₅₂ H ₈₀ NO ₈ P
Physical State	Chloroform
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5670CJE067
Avanti Lot Number	850400C-25MG-E-067

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Chloroform: Clear 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
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H] ⁺ = 879.18 ± 1 amu	[M+H] ⁺ = 878.82 amu
UV Oxidation	NMT 5% total all wavelengths	0.68% total
FAME (GC/FID)	NLT 99% (AUC) Consistent with historical data	100% (AUC) Consistent with historical data

 Approved By: *Andriana Thomas*

For Research Use Only. Not For Human Use.