

**22:6 (Cis) PC**

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

**850400C-25mg**

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<b>Molecular Weight</b>	878.167
<b>Chemical Formula</b>	C <sub>52</sub> H <sub>80</sub> NO <sub>8</sub> P
<b>Physical State</b>	Chloroform
<b>Storage</b>	-20°C
<b>Expiration Date</b>	Three months from date of receipt
<b>M Lot Number</b>	5670CJB068
<b>Avanti Lot Number</b>	850400C-25MG-B-068

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Chloroform:</b> 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	0.68% total
FAME (GC/FID)	NLT 99% 22:6 (AUC)	100% (AUC)
Mass Spectroscopy	[M+H] <sup>+</sup> = 879.2 ± 1 amu	[M+H] <sup>+</sup> = 878.9 amu

 Approved By: *Andriana Thomas*

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