

**18:3 (Cis) PC**

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

**850395C-25mg**

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<b>Molecular Weight</b>	778.05
<b>Molecular Formula</b>	C <sub>44</sub> H <sub>76</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>	5665CJA126
<b>Avanti Lot Number</b>	850395C-25MG-A-126

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	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot
UV Oxidation	NMT 5% total all wavelengths	0.91% total all wavelengths
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
FAME (GC/FID)	NLT 99% 18:3 (AUC)	99.4% 18:3 (AUC)
Mass Spectroscopy	[M+H] <sup>+</sup> = 779.050 ± 1 amu	[M+H] <sup>+</sup> = 778.8 amu

 Approved By: *Andriana Thomas*

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