

**16:0-18:1 PC**
**1-palmitoyl-2-oleoyl-sn-glycero-3-phosphocholine**
**850457C-500mg**

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<b>Molecular Weight</b>	760.076
<b>Chemical Formula</b>	C <sub>42</sub> H <sub>82</sub> NO <sub>8</sub> P
<b>Physical State</b>	Chloroform
<b>Storage</b>	-20°C
<b>Expiration Date</b>	One year from date of receipt
<b>M Lot Number</b>	5679CPG218
<b>Avanti Lot Number</b>	850457C-500MG-G-218

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Chloroform:</b> 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] <sup>+</sup> = 761.076 ± 1 amu	[M+H] <sup>+</sup> = 760.7 amu
FAME (GC/FID)	50% ± 5% 16:0 (AUC) 50% ± 5% 18:1 (AUC) NLT 99% Total	46.2% 16:0 (AUC) 53.8% 18:1 (AUC) 100% total (AUC)

 Approved By: *Andriana Thomas*

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