

**16:0 PC (DPPC)**

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

**850355C-500mg**

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<b>Molecular Weight</b>	734.039
<b>Chemical Formula</b>	C <sub>40</sub> H <sub>80</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>	5648CPC323
<b>Avanti Lot Number</b>	850355C-500MG-C-323

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: negative Water dip: one major spot	All Pass
FAME (GC/FID)	NLT 99% 16:0 (AUC)	100% 16:0 (AUC)
Mass Spectroscopy	[M+H] <sup>+</sup> = 735.039 ± 1 amu	[M+H] <sup>+</sup> = 734.5 amu

Approved by:

