

**16:0 PC (DPPC)**

(1,2-Dipalmitoyl-sn-Glycero-3-Phosphocholine)

**850355C-1g**

Page 1 of 1

<b>Molecular Weight</b>	734.034
<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>	5648CQA328
<b>Avanti Lot Number</b>	850355C-1G-A-328

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Chloroform:</b> Clear solution which contains no foreign matter	Pass
TLC	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: negative Water dip: one major spot	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: negative Water dip: one major spot
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
FAME (GC/FID)	NLT 99% 16:0 (AUC)	99.9% 16:0 (AUC)
Mass Spectroscopy	[M+H] <sup>+</sup> = 735.03 ± 1 amu	[M+H] <sup>+</sup> = 734.7 amu

 Approved By: *Anderson Thomas*

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