

**18:0-16:0 PC**
**1-stearoyl-2-palmitoyl-sn-glycero-3-phosphocholine**
**850465P-25MG**

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<b>Molecular Weight</b>	762.092
<b>Chemical Formula</b>	C <sub>42</sub> H <sub>84</sub> NO <sub>8</sub> P
<b>Physical State</b>	Powder
<b>Storage</b>	-20°C
<b>Expiration Date</b>	One year from date of receipt
<b>M Lot Number</b>	5684PJB024
<b>Avanti Lot Number</b>	850465P-25MG-B-024

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Powder:</b> White solid which contains 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 50% ± 5% 18:0 (AUC) NLT 50% ± 5% 16:0 (AUC) NLT 99% total	53% 18:0 (AUC) 47% 16:0 (AUC) 100% total
Mass Spectroscopy	[M+H] <sup>+</sup> = 763.092 ± 1 amu	[M+H] <sup>+</sup> = 763.1 amu

 Approved by: *Anderson Thomas*

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