

**16:0-20:4 PC****1-palmitoyl-2-arachidonoyl-sn-glycero-3-phosphocholine****850459C-25mg****Page 1 of 1**

**Molecular Weight** 782.1  
**Chemical Formula** C<sub>44</sub>H<sub>80</sub>NO<sub>8</sub>P  
**Physical State** Chloroform  
**Storage** -20°C  
**Expiration Date** Three months from date of receipt  
**M Lot Number** 5681CJD165  
**Avanti Lot Number** 850459C-25MG-D-165

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	All Pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
UV Oxidation	NMT 5% total all wavelengths	0.25% total
FAME (GC/FID)	50% ± 5% 16:0 (AUC) 50% ± 5% 20:4 (AUC) NLT 99% total	45.1% 16:0 54.8% 20:4 99.9% total
Mass Spectroscopy	[M+H] <sup>+</sup> = 783.1 ± 1 amu	[M+H] <sup>+</sup> = 782.8 amu



Approved By:

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