

**16:0-20:4 PE**

**1-palmitoyl-2-arachidonoyl-sn-glycero-3-phosphoethanolamine**

**850759C-25mg**

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**Molecular Weight** 740.002  
**Chemical Formula** C<sub>41</sub>H<sub>74</sub>NO<sub>8</sub>P  
**Physical State** Chloroform  
**Storage** -20°C  
**Expiration Date** Three months from date of receipt  
**M Lot Number** 5743CJA053  
**Avanti Lot Number** 850759C-25MG-A-053

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Chloroform:</b> Clear solution with no foreign matter	Pass
TLC	>99% Purity Ninhydrin: positive Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	All Pass
UV Oxidation	NMT 5% total all wavelengths	0.38% total
FAME (GC/FID)	NLT 50% ± 5% 16:0 (AUC) NLT 50% ± 5% 20:4 (AUC) NLT 99% total	45% 16:0 (AUC) 55% 20:4 (AUC) 100% total
Mass Spectroscopy	[M+H] <sup>+</sup> = 741.002 ± 1 amu	[M+H] <sup>+</sup> = 741.2 amu

Approved By:



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