

**16:0-22:6 PE**
**1-palmitoyl-2-docosahexaenoyl-sn-glycero-3-phosphoethanolamine**
**850801C-25mg**

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<b>Molecular Weight</b>	764.023
<b>Molecular Formula</b>	C <sub>43</sub> H <sub>74</sub> NO <sub>8</sub> P
<b>Physical State</b>	Chloroform
<b>Storage</b>	-20°C
<b>Expiration Date</b>	Three months from date of receipt
<b>M Lot Number</b>	5747CJC048
<b>Avanti Lot Number</b>	850801C-25MG-C-048

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	1.54% total all wavelengths
FAME (GC/FID)	NLT 50 ± 5% 16:0 (AUC) NLT 50 ± 5% 22:6 (AUC) NLT 99% Total	46.2% 16:0 (AUC) 52.9% 22:6 (AUC) 99.1% total
Mass Spectroscopy	[M+H] <sup>+</sup> = 765.023 ± 1 amu	[M+H] <sup>+</sup> = 764.8 amu

Approved By:

