

**16:0-20:4 PE**
**1-palmitoyl-2-arachidonoyl-sn-glycero-3-phosphoethanolamine**
**850759C-25mg**

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<b>Molecular Weight</b>	740.002
<b>Chemical Formula</b>	C <sub>41</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>	5743CJC051
<b>Avanti Lot Number</b>	850759C-25MG-C-051

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	0.80% total all wavelengths
FAME (GC/FID)	NLT 50% ± 5% 16:0 (AUC) NLT 50% ± 5% 20:4 (AUC) NLT 99% Total	44.8% 16:0 (AUC) 55.2% 20:4 (AUC) 100% Total
Mass Spectroscopy	[M+H] <sup>+</sup> = 741.002 ± 1 amu	[M+H] <sup>+</sup> = 740.9 amu

Approved By:

