

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

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

**850759C-25mg**

**Page 1 of 1**

<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>	5743CJC058
<b>Avanti Lot Number</b>	850759C-25MG-C-058

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
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
UV Oxidation	NMT 5% total all wavelengths	0.21% total
FAME (GC/FID)	NLT 50% ± 5% 16:0 (AUC) NLT 50% ± 5% 20:4 (AUC) NLT 99% total	46.4% 16:0 (AUC) 53.6% 20:4 (AUC) 100% total
Mass Spectroscopy	[M+H] <sup>+</sup> = 741.002 ± 1 amu	[M+H] <sup>+</sup> = 740.5 amu

Approved By:



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