

**18:0-20:4 PE**

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

**850804C-25mg**

**Page 1 of 1**

<b>Molecular Weight</b>	768.055
<b>Chemical Formula</b>	C <sub>43</sub> H <sub>78</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>	5749CJD057
<b>Avanti Lot Number</b>	850804C-25MG-D-057

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Chloroform:</b> Clear solution which contains 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%
FAME (GC/FID)	NLT 50 ± 5% 18:0 (AUC) NLT 50 ± 5% 20:4 (AUC) NLT 99% Total	48% 18:0 (AUC) 52% 20:4 (AUC) 100% Total
Mass Spectroscopy	[M+H] <sup>+</sup> = 769.055 ± 1 amu	[M+H] <sup>+</sup> = 768.9 amu

Approved By:



For Research Use Only. Not For Human Use.