

**18:0 PE**
**1,2-distearoyl-sn-glycero-3-phosphoethanolamine**
**850715P-200MG**

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<b>Molecular Weight</b>	748.065
<b>Chemical Formula</b>	C <sub>41</sub> H <sub>82</sub> NO <sub>8</sub> P
<b>Physical State</b>	Powder
<b>Storage</b>	-20°C
<b>Expiration Date</b>	One year from date of receipt
<b>M Lot Number</b>	5735PNB129
<b>Avanti Lot Number</b>	850715P-200MG-B-129

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Powder:</b> White solid which contains no foreign matter	Pass
TLC	>99% Purity Ninhydrin: positive Iodine: one major spot Phosphorus: positive Charring: negative Water dip: one major spot	All Pass
FAME (GC/FID)	NLT 99% 18:0 (AUC)	99.6% (AUC)
Mass Spectroscopy	[M+H] <sup>+</sup> = 749.065 ± 1 amu	[M+H] <sup>+</sup> = 749.0 amu

Approved By: *Melissa Liles*

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