

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

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**Molecular Weight** 748.065  
**Chemical Formula** C<sub>41</sub>H<sub>82</sub>NO<sub>8</sub>P  
**Physical State** Powder  
**Storage** -20°C  
**Expiration Date** One year from date of receipt  
**M Lot Number** 5735PQB129  
**Avanti Lot Number** 850715P-1G-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: *Meredith Bayood*

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