

**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>      | 5735PNA130  |
| <b>Avanti Lot Number</b> | 850715P-200MG-A-130                               |

| ANALYSIS             | SPECIFICATION   | RESULTS                        |
|----------------------|---|--------------------------------|
| Physical Examination | <b>Powder:</b> White solid which contains no foreign matter   | Pass                           |
| TLC                  | >99% Purity<br>Ninhydrin: positive<br>Iodine: one major spot<br>Phosphorus: positive<br>Charring: negative<br>Water dip: one major spot | All Pass                       |
| Proton NMR           | NMR spectrum consistent with structure  | Consistent with structure      |
| 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> = 748.9 amu |

 Approved By: *Anderson Thomas*

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