

**18:0-18:2 PC**

**1-stearoyl-2-linoleoyl-sn-glycero-3-phosphocholine**

**850468P-200mg**

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|                          |                                                   |
|--------------------------|---------------------------------------------------|
| <b>Molecular Weight</b>  | 786.113                                           |
| <b>Chemical Formula</b>  | C <sub>44</sub> H <sub>84</sub> NO <sub>8</sub> P |
| <b>Physical State</b>    | Powder                                            |
| <b>Storage</b>           | -20°C                                             |
| <b>Expiration Date</b>   | Three months from date of receipt                 |
| <b>M Lot Number</b>      | 5686PNR042                                        |
| <b>Avanti Lot Number</b> | 850468P-200MG-R-042                               |

| ANALYSIS             | SPECIFICATION                                                                                                                           | RESULTS                                             |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|
| Physical Examination | <b>Powder:</b> White solid which contains no foreign matter                                                                             | Pass                                                |
| TLC                  | >99% Purity<br>Ninhydrin: negative<br>Iodine: one major spot<br>Phosphorus: positive<br>Charring: positive<br>Water dip: one major spot | All Pass                                            |
| UV Oxidation         | NMT 5% total all wavelengths                                                                                                            | 0.85% total                                         |
| FAME (GC/FID)        | NLT 50% ± 5% 18:0 (AUC)<br>NLT 50% ± 5% 18:2 (AUC)<br>NLT 99% total                                                                     | 50.2% 18:0 (AUC)<br>49.5% 18:2 (AUC)<br>99.7% total |
| Mass Spectroscopy    | [M+H] <sup>+</sup> = 787.113 ± 1 amu                                                                                                    | [M+H] <sup>+</sup> = 786.9 amu                      |

Approved By:



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