

**18:0-18:2 PC****1-stearoyl-2-linoleoyl-sn-glycero-3-phosphocholine****850468C-200mg****Page 1 of 1**

**Molecular Weight** 786.113  
**Chemical Formula** C<sub>44</sub>H<sub>84</sub>NO<sub>8</sub>P  
**Physical State** Chloroform  
**Storage** -20°C  
**Expiration Date** Three months from date of receipt  
**M Lot Number** 5686CNK042  
**Avanti Lot Number** 850468C-200MG-K-042

| ANALYSIS             | SPECIFICATION                                                                                                                           | RESULTS                                        |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|
| Physical Examination | <b>Chloroform:</b> Clear solution with 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                                                                                                            | 1% total                                       |
| FAME (GC/FID)        | NLT 50% ± 5% 18:0 (AUC)<br>NLT 50% ± 5% 18:2 (AUC)<br>NLT 99% total                                                                     | 50% 18:0 (AUC)<br>50% 18:1 (AUC)<br>100% total |
| Mass Spectroscopy    | [M+H] <sup>+</sup> = 787.113 ± 1 amu                                                                                                    | [M+H] <sup>+</sup> = 786.9 amu                 |

Approved By: *Anderson Thomas*

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