

**Egg Trans PE**  
**L- $\alpha$ -phosphatidylethanolamine, transphosphatidylated (Egg, Chicken)**  
**841118P-25mg**

|                          |                                                               |
|--------------------------|---------------------------------------------------------------|
| <b>Molecular Weight</b>  | 726.076 (average based on fatty acid distribution in product) |
| <b>Physical State</b>    | Chloroform                                                    |
| <b>Storage</b>           | -20°C                                                         |
| <b>Expiration Date</b>   | Three months from date of receipt                             |
| <b>M Lot Number</b>      | 5572PJF314                                                    |
| <b>Avanti Lot Number</b> | 841118P-25MG-F-314                                            |

| ANALYSIS             | SPECIFICATION                                                                                                                                                                        | SOP                             |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|
| 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: positive<br>Water dip: one major spot                                              | All Pass                        |
| UV Oxidation         | NMT 5% total all wavelengths                                                                                                                                                         | 0.8% total all wavelengths      |
| FAME (GC/FID)        | Consistent with historical data.<br>16:0 = ~34.8%<br>16:1 = ~1.5%<br>18:0 = ~11.1%<br>18:1 = ~31.2%<br>18:2 = ~17.1%<br>18:3 = ~0.1%<br>20:2 = ~0.1%<br>20:4 = ~2.9%<br>22:6 = ~0.1% | Consistent with historical data |

Approved by:



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