

**Egg PA**

 L- $\alpha$ -phosphatidic acid (Egg, Chicken) (sodium salt)

**840101P-25mg**

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|                          |   |
|--------------------------|---|
| <b>Molecular Weight</b>  | 706.158 (average based on fatty acid distribution in product) |
| <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>      | 5525PJF175  |
| <b>Avanti Lot Number</b> | 840101P-25MG-F-175  |

| 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   | 1.3% total                      |
| FAME (GC/FID)        | Consistent with historical data:<br>16:0 = ~34.2%<br>16:1 = ~1.0%<br>18:0 = ~11.5%<br>18:1 = ~31.5%<br>18:2 = ~18.5%<br>20:4 = ~2.7%<br>22:6 = ~0.7% | Consistent with historical data |
| Calcium (ICP/MS)     | NMT 500 ppm  | None Detected                   |
| Mass Spectroscopy    | [M-Na] <sup>+</sup> = 673.158 $\pm$ 1 amu<br>(predominant species)   | [M-Na] <sup>+</sup> = 673.6 amu |

  
 Approved By:

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