Egg PE
L-α-phosphatidylethanolamine (Egg, Chicken)
840021P-25mg

Molecular Weight 746.608 (average based on fatty acid distribution in product)
Physical State Powder
Storage -20°C
Expiration Date Three months from date of receipt
M Lot Number 5485PJE260
Avanti Lot Number 840021P-25MG-E-260

<table>
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<tr>
<th>ANALYSIS</th>
<th>SPECIFICATION</th>
<th>RESULTS</th>
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<tr>
<td>Physical Examination</td>
<td><strong>Powder:</strong> White solid which contains no foreign matter</td>
<td>Pass</td>
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</table>
| TLC               | >99% Purity
                  Ninhydrin: positive
                  Iodine: one major spot
                  Phosphorus: positive
                  Charring: positive
                  Water dip: one major spot                                               | All Pass                |
| UV Oxidation      | NMT 5% total all wavelengths                                                  | 0.59% total            |
| FAME (GC/FID)     | Consistent with historical data
                  16:0 = ~17.3%
                  16:1 = ~0.5%
                  18:0 = ~24.2%
                  18:1 = ~18.1%
                  18:2 = ~14.0%
                  20:2 = ~0.2%
                  20:3 = ~0.3%
                  20:4 = ~16.0%
                  22:6 = ~4.2%                                                            | Consistent with historical data |
| Mass Spectroscopy* | ![Mass Spectroscopy equation](equation)                                        | [M+H]+ = 769.0 amu (predominant species) and +NL 141 Scan: [M-141]+ = 768.9 amu (predominant species) |

*+NL 141 Scan = Neutral Loss Scan of 141 amu

Approved By: [Signature]

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