Egg PE  
L-α-phosphatidylethanolamine (Egg, Chicken)  
840021P-200mg

**Molecular Weight**  | 746.608 (average based on fatty acid distribution in product)  
**Physical State**  | Powder  
**Storage**  | -20°C  
**Expiry Date**  | Three months from date of receipt  
**M Lot Number**  | 5485PNC266  
**Avanti Lot Number**  | 840021P-200MG-C-266

<table>
<thead>
<tr>
<th><strong>ANALYSIS</strong></th>
<th><strong>SPECIFICATION</strong></th>
<th><strong>RESULTS</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical Examination</td>
<td><strong>Powder</strong>: White powder with no foreign matter</td>
<td>Pass</td>
</tr>
</tbody>
</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 | 1.62% 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** | [M+H]$^+$ = 769.608 $\pm$ 1 amu  
(predominant species) | [M+H]$^+$ = 768.5 amu |

Approved By:

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