**Egg PE**

L-α-phosphatidylethanolamine (Egg, Chicken)

840021C-CONF

<table>
<thead>
<tr>
<th>Molecular Weight</th>
<th>746.608 (average based on fatty acid distribution in product)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical State</td>
<td>Chloroform</td>
</tr>
<tr>
<td>Storage</td>
<td>-20°C</td>
</tr>
<tr>
<td>Expiration Date</td>
<td>Three months from date of receipt</td>
</tr>
<tr>
<td>M Lot Number</td>
<td>5485CWF260</td>
</tr>
<tr>
<td>Avanti Lot Number</td>
<td>840021C-CONF-F-260</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ANALYSIS</th>
<th>SPECIFICATION</th>
<th>RESULTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical Examination</td>
<td>Chloroform: Clear solution 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 | 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* | [M+H]⁺ = 769.608 ± 1 amu  
(preferred species) and  
+NL 141 Scan: [M-141]⁺ = 769.608 ± 1 amu  
(preferred species) | [M+H]⁺ = 769.0 amu  
(preferred species) and  
+NL 141 Scan: [M-141]⁺ = 768.9 amu  
(preferred species) |

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

Approved By: [Signature]

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