**Egg PA**
L-α-phosphatidic acid (Egg, Chicken) (sodium salt)

**840101P-25mg**

<table>
<thead>
<tr>
<th><strong>Molecular Weight</strong></th>
<th>706.158 (average based on fatty acid distribution in product)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Physical State</strong></td>
<td>Powder</td>
</tr>
<tr>
<td><strong>Storage</strong></td>
<td>-20°C</td>
</tr>
<tr>
<td><strong>Expiration Date</strong></td>
<td>Three months from date of receipt</td>
</tr>
<tr>
<td><strong>M Lot Number</strong></td>
<td>5525PJC172</td>
</tr>
<tr>
<td><strong>Avanti Lot Number</strong></td>
<td>840101P-25MG-C-172</td>
</tr>
</tbody>
</table>

**ANALYSIS** | **SPECIFICATION** | **RESULTS**
--- | --- | ---
Physical Examination | **Powder**: White solid which contains no foreign matter | Pass
TLC | >99% Purity  
Ninhydrin: negative  
Iodine: one major spot  
Phosphorus: positive  
Charring: positive  
Water dip: one major spot | All Pass
UV Oxidation | NMT 5% total all wavelengths | 0.50% total
FAME (GC/FID) | Consistent with historical data:  
16:0 = ~34.2%  
16:1 = ~1.0%  
18:0 = ~11.5%  
18:1 = ~31.5%  
18:2 = ~18.5%  
20:4 = ~2.7%  
22:6 = ~0.7% | Consistent with historical data
Calcium (ICP/MS) | NMT 500ppm | None Detected
Mass Spectroscopy | [M-Na]+ = 673.158 ± 1 amu  
(predominant species) | [M-Na]+ = 673.5 amu  
(predominant species)

Approved By:

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