Egg PC
L-α-phosphatidylcholine (Egg, Chicken)
840051P-200mg

<table>
<thead>
<tr>
<th>Molecular Weight</th>
<th>770.123 (average) / 760.076 (predominant species)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemical Formula</td>
<td>C₄₂H₈₂NPO₈ (predominant species)</td>
</tr>
<tr>
<td>Physical State</td>
<td>Powder</td>
</tr>
<tr>
<td>Storage</td>
<td>-20°C</td>
</tr>
<tr>
<td>Expiration Date</td>
<td>One year from date of receipt</td>
</tr>
<tr>
<td>M Lot Number</td>
<td>5508PNC617</td>
</tr>
<tr>
<td>Avanti Lot Number</td>
<td>840051P-200MG-C-617</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 |
FAME (GC/FID) | Consistent with historical data  
Not specifications:  
16:0 ≈ 34%  
16:1 ≈ 2%  
18:0 ≈ 11%  
18:1 ≈ 32%  
18:2 ≈ 18%  
20:4 or 20:3 ≈ 3% | Consistent with historical data |
UV Oxidation | NMT 5% total all wavelengths | 0.88% total |
Mass Spectroscopy | Consistently with historical data  
Predominantly  
[M+H]+ = 761.076 ± 1 amu | [M+H]+ = 760.8 amu |

Approved By: