### Egg PC

**L-α-phosphatidylcholine (Egg, Chicken)**

**840051P-200mg**

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#### Molecular Weight
770.123 (average) / 760.076 (predominant species)

#### Chemical Formula
C₄₂H₈₂NPO₈ (predominant species)

#### Physical State
Powder

#### Storage
-20°C

#### Expiration Date
One year from date of receipt

#### M Lot Number
5508PNA617

#### Avanti Lot Number
840051P-200MG-A-617

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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: 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            |

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Approved By:

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