# Soy PC

L-α-phosphatidylcholine (Soy)

840054P-500mg

<table>
<thead>
<tr>
<th><strong>Molecular Weight</strong></th>
<th>775.037 (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>5511PPG146</td>
</tr>
<tr>
<td><strong>Avanti Lot Number</strong></td>
<td>840054P-500MG-G-146</td>
</tr>
</tbody>
</table>

## ANALYSIS | SPECIFICATION | RESULTS
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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 | 0.80% total
FAME (GC/FID) | Consistent with historical data  
16:0 = ~14.9%  
18:0 = ~3.7%  
18:1 = ~11.4%  
18:2 = ~63.0%  
18:3 = ~5.7% | Consistent with historical data
Mass Spectroscopy | 36:4 = 782.5 ± 1 amu  
34:2 = 758.5 ± 1 amu (predominant species) | 36:4 = 783.0 amu  
34:2 = 758.8 amu (predominant species)

Approved By:

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