**Soy PS**

L-\(\alpha\)-phosphatidylserine (Soy, 99%) (sodium salt)

870336P-25mg

<table>
<thead>
<tr>
<th>Molecular Weight</th>
<th>806.01 (average based on fatty acid distribution in product)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical State</td>
<td>Powder</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>6191PJA052</td>
</tr>
<tr>
<td>Avanti Lot Number</td>
<td>870336P-25MG-A-052</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: positive  
Iodine: one major spot  
Phosphorus: positive  
Charring: positive  
Water dip: one major spot | All Pass
UV Oxidation | NMT 5% total all wavelengths | 0.88% total
FAME (GC/FID) | Consistent with historical data (not specifications):  
16:0 = ~10%  
18:0 = ~3%  
18:1 = ~12%  
18:2 = ~68%  
18:3 = ~7% | Consistent with historical data
Calcium (ICP/MS) | NMT 500 ppm | None Detected
Mass Spectroscopy | \([M-\text{Na}] = 783.01 \pm 1 \text{ amu}\) (predominant species) | \([M-\text{Na}] = 783.0 \text{ amu}\) (predominant species)

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