**Soy PS**

L-α-phosphatidylserine (Soy, 99%) (sodium salt)

870336P-25mg

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<table>
<thead>
<tr>
<th>Physical Examination</th>
<th>Specification</th>
<th>Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Powder</td>
<td>White solid which contains no foreign matter</td>
<td>Pass</td>
</tr>
</tbody>
</table>

| 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 | 0.32% 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-NH₄]⁺ = 783.01 ± 1 amu (predominant species) | [M-NH₄]⁺ = 782.9 amu (predominant species) |

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