# Soy Lyso PC
L-α-lyso phosphatidylcholine (Soy)

| 840072P-25mg | Page 1 of 1 |

## Molecular Weight
513.564 (average based on fatty acid distribution in product)

## Physical State
Powder

## Storage
-20°C

## Expiration Date
Three months from date of receipt

## Lot Numbers
- **M Lot Number**: 5523PJ046
- **Avanti Lot Number**: 840072P-25MG-J-046

## ANALYSIS SPECIFICATION RESULTS

<table>
<thead>
<tr>
<th>ANALYSIS</th>
<th>SPECIFICATION</th>
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<tbody>
<tr>
<td><strong>Physical Examination</strong></td>
<td><strong>Powder</strong>: White solid which contains no foreign matter</td>
<td>Pass</td>
</tr>
</tbody>
</table>
| **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                                                  | 0.46% total      |
| **FAME (GC/FID)**         | Consistent with historical data
16:0 ≈ 26.1%
18:0 ≈ 7.3%
18:1 ≈ 8.5%
18:2 ≈ 50.1%
18:3 ≈ 5.1%                | Consistent with historical data                                              |
| **Phosphorus Assay**      | 95-105% recovery phosphorus                                                  | 98.8% recovery   |
| **Proton NMR**            | NMR spectrum consistent with structure                                        | Consistent with structure |
| **Calcium (ICP/MS)**      | NMT 500 ppm                                                                  | None Detected     |
| **Mass Spectroscopy**     | [M+H]+ = 497.6 ± 1 amu (predominant species)                                 | Pass             |

Approved By: [Signature]

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