Soy PC
L-α-phosphatidylcholine (Soy)
840054P-25mg

Molecular Weight: 775.037 (average based on fatty acid distribution in product)
Physical State: Powder
Storage: -20°C
Expiration Date: Three months from date of receipt
M Lot Number: 5511PJF146
Avanti Lot Number: 840054P-25GM-F-146

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<th>ANALYSIS</th>
<th>SPECIFICATION</th>
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<tr>
<td>Physical Examination</td>
<td>Powder: White solid which contains no foreign matter</td>
<td>Pass</td>
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| TLC                     | >99% Purity
                          | Ninhydrin: negative                                                          | All Pass                 |
                          | Iodine: one major spot                                                        |                          |
                          | Phosphorus: positive                                                         |                          |
                          | Charring: positive                                                           |                          |
                          | Water dip: one major spot                                                    |                          |
| UV Oxidation            | NMT 5% total all wavelengths                                                 | 0.8% total               |
| FAME (GC/FID)           | Consistent with historical data                                              | Consistent with historical data |
                          | 16:0 = ~14.9%                                                               |                          |
                          | 18:0 = ~3.7%                                                                |                          |
                          | 18:1 = ~11.4%                                                               |                          |
                          | 18:2 = ~63.0%                                                               |                          |
                          | 18:3 = ~5.7%                                                                |                          |
| Mass Spectroscopy       | 36:4 = 782.5 ± 1 amu                                                        | 36:4 = 783.0 amu         |
                          | 34:2 = 758.5 ± 1 amu                                                        | 34:2 = 758.8 amu         |
                          | (predominant species)                                                       | (predominant species)    |

Approved By: [Signature]

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