16:0 PC (DPPC)
1,2-dipalmitoyl-sn-glycero-3-phosphocholine

Molecular Weight: 734.039
Chemical Formula: \( \text{C}_{40}\text{H}_{80}\text{NO}_8\text{P} \)
Physical State: Powder
Storage: -20°C
Expiration Date: One year from date of receipt
M Lot Number: 5648PPB323
Avanti Lot Number: 850355P-500MG-B-323

<table>
<thead>
<tr>
<th>ANALYSIS</th>
<th>SPECIFICATION</th>
<th>RESULTS</th>
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<tr>
<td>Physical Examination</td>
<td><strong>Powder:</strong> White solid which contains no foreign matter.</td>
<td>Pass</td>
</tr>
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</table>
| TLC                     | >99% Purity
                        | Ninhydrin: negative
                        | Iodine: one major spot
                        | Phosphorus: positive
                        | Charring: negative
                        | Water dip: one major spot | All Pass               |
| FAME (GC/FID)           | NLT 99% 16:0 (AUC)                                                            | 100% 16:0 (AUC)       |
| Mass Spectroscopy       | \([\text{M+H}]^+ = 735.039 \pm 1 \text{ amu}\)                              | \([\text{M+H}]^+ = 734.5 \text{ amu}\) |

Approved by: [Signature]

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