18:0 PC (DSPC)
(1,2-Distearoyl-sn-Glycero-3-Phosphocholine)

Molecular Weight  790.145  
Chemical Formula  C₄₄H₈₈NO₈P  
Physical State  Chloroform  
Storage  -20°C  
Expiration Date  One year from date of receipt  
M Lot Number  5653CNA178  
Avanti Lot Number  850365C-200MG-A-178  

<table>
<thead>
<tr>
<th>ANALYSIS</th>
<th>SPECIFICATION</th>
<th>RESULTS</th>
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<tbody>
<tr>
<td>Physical Examination</td>
<td>Chloroform: Clear solution which contains no foreign matter</td>
<td>Pass</td>
</tr>
</tbody>
</table>
| TLC                | >99% Purity  
Ninhydrin: negative  
Iodine: one major spot  
Phosphorus: positive  
Charring: negative  
Water dip: one major spot | All Pass       |
| Proton NMR         | NMR spectrum consistent with structure                                         | Consistent with structure |
| FAME (GC/FID)      | NLT 99% 18:0 (AUC)                                                           | 99.6% 18:0 (AUC) |
| Mass Spectroscopy  | [M+H]+ = 791.145 ± 1 amu                                                     | [M+H]+ = 790.5 amu |

Approved By:  

Melissa Liles  

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