18:1 (Δ9-Cis) PC (DOPC)
1,2-Dioleoyl-sn-glycero-3-phosphocholine
850375C-1g

<table>
<thead>
<tr>
<th>Description</th>
<th>Specification</th>
<th>Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Molecular Weight</td>
<td>786.113</td>
<td></td>
</tr>
<tr>
<td>Chemical Formula</td>
<td>C_{44}H_{84}NO_{8}P</td>
<td></td>
</tr>
<tr>
<td>Physical State</td>
<td>Chloroform</td>
<td></td>
</tr>
<tr>
<td>Storage</td>
<td>-20°C</td>
<td></td>
</tr>
<tr>
<td>Expiration Date</td>
<td>One year from date of receipt</td>
<td></td>
</tr>
<tr>
<td>M Lot Number</td>
<td>5662CWA336</td>
<td></td>
</tr>
<tr>
<td>Avanti Lot Number</td>
<td>850375C-1G-A-336</td>
<td></td>
</tr>
</tbody>
</table>

**ANALYSIS**

<table>
<thead>
<tr>
<th>Physical Examination</th>
<th>specification</th>
<th>Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chloroform: Clear, colorless solution with no foreign matter</td>
<td>Pass</td>
<td></td>
</tr>
<tr>
<td>TLC</td>
<td>&gt;99% Purity</td>
<td>All Pass</td>
</tr>
<tr>
<td>Ninhydrin: negative</td>
<td>Phosphorus: positive</td>
<td></td>
</tr>
<tr>
<td>Iodine: one major spot</td>
<td>Charring: positive</td>
<td></td>
</tr>
<tr>
<td>Water dip: one major spot</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| FAME (GC/FID)                        | NLT 99% 18:1 (AUC)                                 | 99.7% (AUC) |
| Mass Spectroscopy                    | [M+H]⁺ = 787.113 ± 1 amu                           | [M+H]⁺ = 786.7 amu |

Approved By: [Signature]

For Research Use Only. Not For Human Use.