14:0 PC (DMPC)
1,2-dimyristoyl-sn-glycero-3-phosphocholine
850345P-500mg

<table>
<thead>
<tr>
<th>Molecular Weight</th>
<th>677.933</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemical Formula</td>
<td>C_{36}H_{72}NO_{8}P</td>
</tr>
<tr>
<td>Physical State</td>
<td>Powder</td>
</tr>
<tr>
<td>Storage</td>
<td>-20°C</td>
</tr>
<tr>
<td>Expiration Date</td>
<td>One year from date of receipt</td>
</tr>
<tr>
<td>M Lot Number</td>
<td>5644PPA274</td>
</tr>
<tr>
<td>Avanti Lot Number</td>
<td>850345P-500MG-A-274</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ANALYSIS</th>
<th>SPECIFICATION</th>
<th>RESULTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical Examination</td>
<td><strong>Powder:</strong> White solid which contains no foreign matter.</td>
<td>Pass</td>
</tr>
<tr>
<td>TLC</td>
<td>&gt;99% Purity</td>
<td>All Pass</td>
</tr>
<tr>
<td></td>
<td>Ninhydrin: negative</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Iodine: one major spot</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Phosphorus: positive</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Charring: negative</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Water dip: one major spot</td>
<td></td>
</tr>
<tr>
<td>FAME (GC/FID)</td>
<td>NLT 99% 14:0 (AUC)</td>
<td>99.8% (AUC)</td>
</tr>
<tr>
<td>Mass Spectroscopy</td>
<td>[M+H]^+ = 678.933 ± 1 amu</td>
<td>[M+H]^+ = 678.2 amu</td>
</tr>
</tbody>
</table>

Approved by:

[Signature]