16:0 Lyso PC
1-palmitoyl-2-hydroxy-sn-glycero-3-phosphocholine

855675P-500mg

<table>
<thead>
<tr>
<th>Molecular Weight</th>
<th>495.630</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemical Formula</td>
<td>C_{24}H_{50}NO_{7}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>5777PPA080</td>
</tr>
<tr>
<td>Avanti Lot Number</td>
<td>855675P-500MG-A-080</td>
</tr>
</tbody>
</table>

### ANALYSIS

<table>
<thead>
<tr>
<th>Physical examination</th>
<th>Specification</th>
<th>Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Powder: White solid which contains no foreign matter.</td>
<td>All Pass</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TLC</th>
<th>&gt;99% Purity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ninhydrin: negative</td>
<td>Neg</td>
</tr>
<tr>
<td>Iodine: one major spot</td>
<td></td>
</tr>
<tr>
<td>Phosphorus: positive</td>
<td></td>
</tr>
<tr>
<td>Charring: negative</td>
<td></td>
</tr>
<tr>
<td>Water dip: one major spot</td>
<td></td>
</tr>
</tbody>
</table>

| FAME (GC/FID)        | NLT 99% 16:0 (AUC) | 100% (AUC) |
| Calcium (ICP/MS)     | NMT 500ppm        | None detected |
| Proton NMR           | NMR spectrum consistent with structure | Consistent with structure |
| Mass Spectroscopy    | [M+H]^+ = 496.63 ± 1 amu | [M+H]^+ = 496.6 amu |

Approved By:

[Signature]

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