18:1 PS (DOPS)
1,2-dioleoyl-sn-glycero-3-phospho-L-serine (sodium salt)
840035P-200mg

<table>
<thead>
<tr>
<th>Molecular Weight</th>
<th>810.025</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemical Formula</td>
<td>C_{42}H_{77}NO_{10}PNa</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>5498PNA377</td>
</tr>
<tr>
<td>Avanti Lot Number</td>
<td>840035P-200MG-A-377</td>
</tr>
</tbody>
</table>

**ANALYSIS** | **SPECIFICATION** | **RESULTS**
--- | --- | ---
Physical Examination | **Powder**: White solid which contains no foreign matter | Pass
TLC | >99% Purity
Ninhydin: positive
Iodine: one major spot
Phosphorus: positive
Charring: positive
Water dip: one major spot | All Pass
FAME (GC/FID) | NLT 99% 18:1 (AUC) | 99% (AUC)
Calcium (ICP/MS) | NMT 500 ppm | None Detected
Mass Spectroscopy | Negative mode: [M-Na]^- = 787.025 ± 1 amu
or
Positive mode: [M-Na+2H]^+ = 789.025 ± 1 amu | [M-Na]^- = 786.9 amu
[M-Na+2H]^+ = 789.0 amu

Approved By:

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