16:0 PS
1,2-dipalmitoyl-sn-glycero-3-phospho-L-serine (sodium salt)
840037P-25mg

Molecular Weight: 757.950
Chemical Formula: C_{38}H_{73}NO_{10}PNa
Physical State: Powder
Storage: -20°C
Expiration Date: One year from date of receipt
M Lot Number: 5500PJC078
Avanti Lot Number: 840037P-25MG-C-078

<table>
<thead>
<tr>
<th>ANALYSIS</th>
<th>SPECIFICATION</th>
<th>RESULTS</th>
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</thead>
<tbody>
<tr>
<td>Physical Examination</td>
<td>Powder: White solid which contains no foreign matter</td>
<td>Pass</td>
</tr>
</tbody>
</table>
| TLC             | >99% Purity
Ninhydrin: positive
Iodine: one major spot
Phosphorus: positive
Charring: negative
Water dip: one major spot | All Pass                     |
| FAME (GC/FID)  | NLT 99% 16:0 (AUC)                                                          | 99.9% (AUC)      |
| Calcium (ICP/MS)| NMT 500ppm                                                                   | None Detected    |
| Mass Spectroscopy | Negative mode:
[M-Na] = 734.950 ± 1 amu or
Positive mode:
[M-Na+2H]^+ = 736.950 ± 1 amu | [M-Na+2H]^+ = 734.5 amu |

Approved by: [Signature]

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