16:0-18:1 PS (POPS)
1-palmitoyl-2-oleoyl-sn-glycero-3-phospho-L-serine (sodium salt)
840034C-25mg

**Molecular Weight** 783.988  
**Chemical Formula** C_{40}H_{75}NO_{10}PNa  
**Physical State** Chloroform  
**Storage** -20°C  
**Expiry Date** One year from date of receipt

**M Lot Number** 5497CJA250  
**Avanti Lot Number** 840034C-25MG-A-250

<table>
<thead>
<tr>
<th>ANALYSIS</th>
<th>SPECIFICATION</th>
<th>RESULTS</th>
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<tr>
<td>Physical Examination</td>
<td>Chloroform: Clear solution with no foreign matter</td>
<td>Pass</td>
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</tbody>
</table>
| TLC               | >99% Purity  
Ninhydrin: positive  
Iodine: one major spot  
Phosphorus: positive  
Charring: positive  
Water dip: one major spot | All Pass               |
| FAME (GC/FID)     | 50 ± 5% 16:0 (AUC)  
50 ± 5% 18:1 (AUC)  
NLT 99% total       | 47.3% 16:0 (AUC)  
52.7% 18:1 (AUC)  
100% total          |
| Mass Spectroscopy | Negative mode:  
[M-Na]⁻ = 760.988 ± 1 amu  
or  
Positive mode:  
[M-Na+2H]⁺ = 762.988 ± 1 amu | [M-Na]⁻ = 760.5 amu |

Approved By: [Signature]

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