18:1 PS (DOPS)
1,2-dioleoyl-sn-glycerol-3-phospho-L-serine (sodium salt)

**Molecular Weight** 810.025  
**Chemical Formula** $C_{42}H_{77}NO_{10}PNa$  
**Physical State** Chloroform  
**Storage** -20°C  
**Expiration Date** One year from date of receipt  
**M Lot Number** 5498CWF372  
**Avanti Lot Number** 840035C-CONF-F-372

<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>
</tr>
</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)     | NLT 99% 18:1 (AUC)                                                           | 100% (AUC)            |
| Calcium (ICP/MS)  | NMT 500 ppm                                                                  | None Detected         |
| Mass Spectroscopy | Negative mode:  
$[M-Na]^-$ = 787.025 ± 1 amu  
or  
Positive mode:  

Approved By: [Signature]

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