18:1 PS (DOPS)
1,2-dioleoyl-sn-glycero-3-phospho-L-serine (sodium salt)
840035C-500mg

Molecular Weight 810.025
Chemical Formula \( \text{C}_{42}\text{H}_{77}\text{NO}_{10}\text{PNa} \)
Physical State Chloroform
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 5498CPA372
Avanti Lot Number 840035C-500MG-A-372

<table>
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<tr>
<th>ANALYSIS</th>
<th>SPECIFICATION</th>
<th>RESULTS</th>
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<td>Physical examination</td>
<td>Chloroform: Clear solution with no foreign matter.</td>
<td>Pass</td>
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</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% 18:1 (AUC)          |
| Calcium (ICP/MS) | NMT 500ppm                                         | None detected            |
| Mass Spectroscopy| Negative mode:
\([\text{M}-\text{Na}] = 787.025 \pm 1\) amu or
\([\text{M}-\text{Na}+2\text{H}]^+ = 789.025 \pm 1\) amu | [\text{M}-\text{Na}+2\text{H}]^+ = 787.1 amu |

Approved by: