**18:1 (Δ9-Cis) PG**

1,2-dioleoyl-sn-glycero-3-phospho-(1'-rac-glycerol) (sodium salt)

**840475P-25mg**

<table>
<thead>
<tr>
<th><strong>Molecular Weight</strong></th>
<th>797.026</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Chemical Formula</strong></td>
<td>C_{42}H_{78}O_{10}PNa</td>
</tr>
<tr>
<td><strong>Physical State</strong></td>
<td>Powder</td>
</tr>
<tr>
<td><strong>Storage</strong></td>
<td>-20°C</td>
</tr>
<tr>
<td><strong>Expiration Date</strong></td>
<td>One year from date of receipt</td>
</tr>
<tr>
<td><strong>M Lot Number</strong></td>
<td>5537PJE145</td>
</tr>
<tr>
<td><strong>Avanti Lot Number</strong></td>
<td>840475P-25MG-E-145</td>
</tr>
</tbody>
</table>

### ANALYSIS SUMMARY

<table>
<thead>
<tr>
<th><strong>ANALYSIS</strong></th>
<th><strong>SPECIFICATION</strong></th>
<th><strong>RESULTS</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical Examination</td>
<td><strong>Powder:</strong> White solid which contains no foreign matter</td>
<td>Pass</td>
</tr>
</tbody>
</table>
| TLC                | >99% Purity
      Ninhydrin: negative
      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                  |

Approved By:

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