08:0 PI(4,5)P2
1,2-dioctanoyl-sn-glycero-3-phospho-(1'-myo-inositol-4',5'-bisphosphate) (ammonium salt)
850185P-100ug

Molecular Weight 797.658
Chemical Formula C_{25}H_{58}N_{3}O_{19}P_{3}
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 5621PDA017
Avanti Lot Number 850185P-100UG-A-017

<table>
<thead>
<tr>
<th>ANALYSIS</th>
<th>SPECIFICATION</th>
<th>RESULTS</th>
</tr>
</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: negative
  Iodine: one major spot
  Phosphorus: positive
  Charring: negative
  Water dip: one major spot | All Pass                                      |
| Proton NMR    | NMR spectrum consistent with structure             | consistent with structure                    |
| Phosphorus NMR| NMR spectrum consistent with structure             | consistent with structure                    |
| Mass Spectroscopy | $[M-3NH_4+H]^- = 372.329 \pm 1$ amu
  $[M-3NH_4+2H]^-$ = 745.658 \pm 1 amu | $[M-3NH_4+H]^-$ = 372.3 amu
  $[M-3NH_4+2H]^-$ = 745.6 amu |

Approved by: [Signature]