16:0 Liss Rhod PE
1,2-dipalmitoyl-sn-glycero-3-phosphoethanolamine-N-(lissamine rhodamine B sulfonyl) (ammonium salt)

810158C-5mg

<table>
<thead>
<tr>
<th>Molecular Weight</th>
<th>1249.641</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemical Formula</td>
<td>C_{64}H_{105}N_{4}O_{14}PS_{2}</td>
</tr>
<tr>
<td>Physical State</td>
<td>Chloroform</td>
</tr>
<tr>
<td>Storage</td>
<td>-20°C</td>
</tr>
<tr>
<td>Expiration Date</td>
<td>One year from date of receipt</td>
</tr>
<tr>
<td>M Lot Number</td>
<td>5348CHF035</td>
</tr>
<tr>
<td>Avanti Lot Number</td>
<td>810158C-5MG-F-035</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ANALYSIS</th>
<th>SPECIFICATION</th>
<th>RESULTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical Examination</td>
<td>Chloroform: Pink to dark pink solution with no foreign matter</td>
<td>Pass</td>
</tr>
<tr>
<td>TLC</td>
<td>&gt;99% Purity</td>
<td>All Pass</td>
</tr>
<tr>
<td></td>
<td>UV: one major spot</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Ninhydrin: n/a</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Iodine: one major spot</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Phosphorus: positive</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Charring: positive</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Water dip: one major spot</td>
<td></td>
</tr>
<tr>
<td>Excitation/Emission by UV</td>
<td>560nm/583nm</td>
<td>Pass</td>
</tr>
<tr>
<td>VIS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mass Spectroscopy</td>
<td>[M-NH_{4}] = 1231.641 ± 1 amu</td>
<td>[M-NH_{4}] = 1231.2 amu</td>
</tr>
</tbody>
</table>

Approved By:

For Research Use Only. Not For Human Use.