Liver PI
L-α-phosphatidylinositol (Liver, Bovine) (sodium salt)
840042P-10mg

<table>
<thead>
<tr>
<th>Molecular Weight</th>
<th>902.133 (average based on fatty acid distribution in product)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical State</td>
<td>Powder</td>
</tr>
<tr>
<td>Storage</td>
<td>-20°C</td>
</tr>
<tr>
<td>Expiration Date</td>
<td>Three months from date of receipt</td>
</tr>
<tr>
<td>M Lot Number</td>
<td>5504PIA322</td>
</tr>
<tr>
<td>Avanti Lot Number</td>
<td>840042P-10MG-A-322</td>
</tr>
</tbody>
</table>

**ANALYSIS** | **SPECIFICATION** | **RESULTS**
---|---|---
Physical examination | **Powder**: White solid which contains no foreign matter. | Pass |
TLC | >99% Purity  
Ninhydrin: negative  
Iodine: one major spot  
Phosphorus: positive  
Charring: positive  
Water dip: one major spot | All Pass |
UV Oxidation | NMT 5% total all wavelengths | 1.33% total all wavelengths |
FAME (GC/FID) | Consistent with historical data  
18:0 = ~46%  
18:1 = ~8%  
18:2 = ~6%  
20:3 = ~13%  
20:4 = ~17% | Consistent with historical data |
Calcium (ICP/MS) | NMT 500ppm | None Detected |
Mass Spectroscopy | [M-Na] = 885.133 ± 1 amu (predominant species) | [M-Na] = 885.6 amu (predominant species) |

Approved By: [Signature]