Liver PI
L-α-phosphatidylinositol (Liver, Bovine) (sodium salt)
840042P-100mg

<table>
<thead>
<tr>
<th>Molecular Weight</th>
<th>902.12 (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>5504PLC323</td>
</tr>
<tr>
<td>Avanti Lot Number</td>
<td>840042P-100MG-C-323</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 | 0.59% total |
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 500 ppm | None Detected |
Mass Spectroscopy | $[\text{M}-\text{Na}]^{-} = 886.12 \pm 1 \text{ amu}$ (based on predominant species) | $[\text{M}-\text{Na}]^{-} = 886.0 \text{ amu}$ (predominant species) |

Approved By: [Signature]

For Research Use Only. Not For Human Use.