Liver PI
L-α-phosphatidylinositol (Liver, Bovine) (sodium salt)

840042C-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>Chloroform</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>5504CLA323</td>
</tr>
<tr>
<td>Avanti Lot Number</td>
<td>840042C-100MG-A-323</td>
</tr>
</tbody>
</table>

**ANALYSIS** | **SPECIFICATION** | **RESULTS**
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Physical Examination | Chloroform: Clear solution with 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 500ppm | None Detected
Mass Spectroscopy | [M-Na] = 886.12 ± 1 amu  
(based on predominant species) | [M-Na] = 886.0 amu  
(predominant species)

Approved By: [Signature]

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