

**Liver PI**L- $\alpha$ -phosphatidylinositol (Liver, Bovine) (sodium salt)**840042P-25mg****Page 1 of 1**

**Molecular Weight** 902.12 (average based on fatty acid distribution in product)  
**Physical State** Powder  
**Storage** -20°C  
**Expiration Date** Three months from date of receipt  
**M Lot Number** 5504PJE325  
**Avanti Lot Number** 840042P-25MG-E-325

| ANALYSIS             | SPECIFICATION                                                                                                                           | RESULTS                                         |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|
| Physical Examination | <b>Powder:</b> White solid which contains no foreign matter                                                                             | Pass                                            |
| TLC                  | >99% Purity<br>Ninhydrin: negative<br>Iodine: one major spot<br>Phosphorus: positive<br>Charring: positive<br>Water dip: one major spot | All Pass                                        |
| UV Oxidation         | NMT 5% total all wavelengths                                                                                                            | 1% total                                        |
| FAME (GC/FID)        | Consistent with historical data<br>18:0 = ~46%<br>18:1 = ~8%<br>18:2 = ~6%<br>20:3 = ~13%<br>20:4 = ~17%                                | Consistent with historical data                 |
| Calcium (ICP/MS)     | NMT 500 ppm                                                                                                                             | None Detected                                   |
| Mass Spectroscopy    | $[M-Na]^+ = 886.12 \pm 1$ amu<br>(predominant species)                                                                                  | $[M-Na]^+ = 885.9$ amu<br>(predominant species) |

Approved By:



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