

## Egg Lyso PC

L- $\alpha$ -lysophosphatidylcholine (Egg, Chicken)

830071P-500mg

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|                          |                                                               |
|--------------------------|---------------------------------------------------------------|
| <b>Molecular Weight</b>  | 503.334 (average based on fatty acid distribution in product) |
| <b>Physical State</b>    | Powder                                                        |
| <b>Storage</b>           | -20°C                                                         |
| <b>Expiration Date</b>   | One year from date of receipt                                 |
| <b>M Lot Number</b>      | 5472PPA090                                                    |
| <b>Avanti Lot Number</b> | 830071P-500MG-A-090                                           |

| 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                                                                                                            | 0.20% total all wavelengths     |
| FAME (GC/FID)        | Consistent with historical data:<br>14:0 = ~0.3%<br>16:0 = ~69.0%<br>16:1 = ~1.4%<br>18:0 = ~24.6%<br>18:1 = ~3.4%<br>18:2 = ~0.3%      | Consistent with historical data |
| Calcium (ICP/MS)     | NMT 500ppm                                                                                                                              | None detected                   |
| Proton NMR           | NMR spectrum consistent with structure                                                                                                  | Consistent with structure       |
| Mass Spectroscopy    | Consistent with historical data                                                                                                         | Consistent with historical data |

Approved by:

