

Egg Lyso PC

L- α -lysophosphatidylcholine (Egg, Chicken)

830071P-500mg

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| | |
|--------------------------|---|
| Molecular Weight | 503.334 (average based on fatty acid distribution in product) |
| Physical State | Powder |
| Storage | -20°C |
| Expiration Date | One year from date of receipt |
| M Lot Number | 5472PPB090 |
| Avanti Lot Number | 830071P-500MG-B-090 |

| 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 | 0.20% total |
| FAME (GC/FID) | Consistent with historical data: 14:0 = ~0.3% 16:0 = ~69.0% 16:1 = ~1.4% 18:0 = ~24.6% 18:1 = ~3.4% 18:2 = ~0.3% | Consistent with historical data |
| Phosphorus Assay | 95-105% Recovery phosphorus | Pass |
| Calcium (ICP/MS) | NMT 500ppm | None Detected |
| Proton NMR | NMR spectrum consistent with structure | Consistent with structure |
| Mass Spectroscopy | [M+H] ⁺ = 496.6 ± 1 amu (predominant species) | [M+H] ⁺ = 496.8 ± 1 amu |

Approved by:



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