

Egg PC

 L- α -phosphatidylcholine (Egg, Chicken)

840051C-1g

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| | |
|--------------------------|---|
| Molecular Weight | 770.123 (average based on fatty acid distribution in product) |
| Physical State | Chloroform |
| Storage | -20°C |
| Expiration Date | One year from date of receipt |
| M Lot Number | 5508CQA615 |
| Avanti Lot Number | 840051C-1G-A-615 |

| ANALYSIS | SPECIFICATION | RESULTS |
|----------------------|--|---|
| 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 |
| FAME (GC/FID) | Consistent with historical data Not specifications: 16:0 \approx 34% 16:1 \approx 2% 18:0 \approx 11% 18:1 \approx 32% 18:2 \approx 18% 20:4 or 20:3 \approx 3% | Consistent with historical data |
| UV Oxidation | NMT 5% total all wavelengths | 0.74% total all wavelengths |
| Mass Spectroscopy | Consistent with historical data Predominantly [M+H] ⁺ = 761.076 \pm 1amu | Consistent with historical data [M+H] ⁺ = 760.7 amu |

Approved by:

