Egg PC  
L-α-phosphatidylcholine (Egg, Chicken)  
840051C-1g

Molecular Weight 770.123 (average) / 760.076 (predominant species)  
Chemical Formula C_{42}H_{82}NPO_{8} (predominant species)  
Physical State Chloroform  
Storage -20°C  
Expiration Date One year from date of receipt  
M Lot Number 5508CQB624  
Avanti Lot Number 840051C-1G-B-624

ANALYSIS | SPECIFICATION | RESULTS |
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Physical Examination | Chloroform: Clear, colorless 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 ≈ 34%  
16:1 ≈ 2%  
18:0 ≈ 11%  
18:1 ≈ 32%  
18:2 ≈ 18%  
20:4 or 20:3 ≈ 3% | Consistent with historical data |
UV Oxidation | NMT 5% total all wavelengths | 0.55% total |
Proton NMR | NMR spectrum consistent with structure | Consistent with structure |
Mass Spectroscopy | Consistent with historical data  
Predominantly:  
[M+H]^+ = 761.076 ± 1 amu | Consistent with historical data  
[M+H]^+ = 760.7 amu |

Approved By: [Signature]

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