

Egg PC

L- α -phosphatidylcholine (Egg, Chicken)

840051C-500mg

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Molecular Weight 770.123 (average) / 760.076 (predominant species)
Chemical Formula C₄₂H₈₂NPO₈ (predominant species)
Physical State Chloroform
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 5508CPA622
Avanti Lot Number 840051C-500MG-A-622

ANALYSIS	SPECIFICATION	RESULTS
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 \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	0.68% total
Mass Spectroscopy	Consistent with historical data Predominantly: [M+H] ⁺ = 761.076 \pm 1 amu	Consistent with historical data [M+H] ⁺ = 760.7 amu

Approved By: *Melissa Liles*

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