

## Egg PC


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

840051-1g

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**Molecular Weight** 770.123 (average) / 760.076 (predominant species)  
**Chemical Formula** C<sub>42</sub>H<sub>82</sub>NPO<sub>8</sub> (predominant species)  
**Physical State** Powder  
**Storage** -20°C  
**Expiration Date** One year from date of receipt  
**M Lot Number** 5508PQA621  
**Avanti Lot Number** 840051P-1G-A-621

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Powder:</b> 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
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	0.73% total
Mass Spectroscopy	Consistent with historical data Predominantly: [M+H] <sup>+</sup> = 761.076 $\pm$ 1 amu	Consistent with historical data [M+H] <sup>+</sup> = 761.2 amu



Approved By:

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