

**Egg PC**

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

**840051P-1g**

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<b>Molecular Weight</b>	770.123 (average based on fatty acid distribution in product)
<b>Physical State</b>	Powder
<b>Storage</b>	-20°C
<b>Expiration Date</b>	One year from date of receipt
<b>M Lot Number</b>	5508PQA615
<b>Avanti Lot Number</b>	840051P-1G-A-615

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	0.74% total all wavelengths
Mass Spectroscopy	Consistent with historical data Predominantly [M+H] <sup>+</sup> = 761.076 $\pm$ 1amu	Consistent with historical data [M+H] <sup>+</sup> = 760.7amu

Approved by:

