

**Egg PE**
**L- $\alpha$ -phosphatidylethanolamine (Egg, Chicken)**
**840021P-500mg**
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<b>Molecular Weight</b>	746.608 (average based on fatty acid distribution in product)
<b>Physical State</b>	Powder
<b>Storage</b>	-20°C
<b>Expiration Date</b>	Three months from date of receipt
<b>M Lot Number</b>	5485PPA260
<b>Avanti Lot Number</b>	840021P-500MG-A-260

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	<b>Powder:</b> White solid which contains no foreign matter.	Pass
TLC	>99% Purity Ninhydrin: positive Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	All Pass
UV Oxidation	NMT 5% total all wavelengths	0.59% total all wavelengths
FAME (GC/FID)	Consistent with historical data 16:0 = ~17.3% 16:1 = ~0.5% 18:0 = ~24.2% 18:1 = ~18.1% 18:2 = ~14.0% 20:2 = ~0.2% 20:3 = ~0.3% 20:4 = ~16.0% 22:6 = ~4.2%	Consistent with historical data
Mass Spectroscopy*	[M+H] <sup>+</sup> = 769.608 $\pm$ 1 amu (predominant species) and +NL 141 Scan: [M-141] <sup>+</sup> = 769.608 $\pm$ 1 amu (predominant species)	[M+H] <sup>+</sup> = 769.0 amu (predominant species)

\*+NL 141 Scan = Neutral Loss Scan of 141 amu

Approved By:

