

## Egg PE

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

840021P-200mg

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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>	5485PNA267
<b>Avanti Lot Number</b>	840021P-200MG-A-267

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Powder:</b> White solid with 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	0.78% total
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)	[M+H] <sup>+</sup> = 768.8 amu
Proton NMR	NMR spectrum consistent with structure	Consistent with structure

Approved By:

*Melissa Liles*

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