

## Egg PE

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

840021C-BULK

Page 1 of 1

**Molecular Weight** 746.608 (average based on fatty acid distribution in product)  
**Physical State** Chloroform  
**Storage** -20°C  
**Expiration Date** Three months from date of receipt  
**M Lot Number** 5485CWE261  
**Avanti Lot Number** 840021C-CONF-E-261

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Chloroform:</b> Clear solution 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	1.44% 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 ± 1 amu (predominant species) and +NL 141 Scan: [M-141] <sup>+</sup> = 769.608 ± 1 amu (predominant species)	Pass

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

Approved By:



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