

## Egg PC (95%)

L- $\alpha$ -phosphatidylcholine (95%) (Egg, Chicken)

131601P-5g

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<b>Molecular Weight</b>	760.076 (predominant species) 770.123 (average based on fatty acid distribution in product)
<b>Chemical Formula</b>	C <sub>40</sub> H <sub>82</sub> NPO <sub>8</sub> (predominant species)
<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>	5007PRA350
<b>Avanti Lot Number</b>	131601P-5G-A-350

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	<b>Powder:</b> White to slight yellow solid which contains no foreign matter	Pass
TLC	>95% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: positive Wet Dip: one major spot	>95% Purity Ninhydrin: negative Iodine: one major spot, 2 minor spots Phosphorus: positive Charring: positive Wet Dip: one major spot, 2 minor spots
UV Oxidation	NMT 5% total all wavelengths	0.69% total wavelengths
FAME (GC/FID)	Consistent with historical data 16:0 = ~32.7% 16:1 = ~1.1% 18:0 = ~12.3% 18:1 = ~32.0% 18:2 = ~17.1% 20:4 = ~2.7%	Consistent with historical data
Mass Spectroscopy	[M+H] <sup>+</sup> = 761.076 $\pm$ 1 amu (predominant species)	[M+H] <sup>+</sup> = 761.0 amu
Proton NMR	NMR spectrum consistent with structure	Consistent with structure

Approved by: *Anderson Thomas*

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