

Egg PC (95%)

L- α -phosphatidylcholine (95%) (Egg, Chicken)

131601C-1g

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Molecular Weight	760.076 (predominant species) 770.123 (average based on fatty acid distribution in product)
Chemical Formula	C ₄₀ H ₈₂ NPO ₈ (predominant species)
Physical State	Chloroform
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5007CQC349
Avanti Lot Number	131601C-1G-C-349

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Chloroform: Clear, colorless to slight yellow solution with no foreign matter	Pass
TLC	>95% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: positive	All Pass
UV Oxidation	NMT 5% total all wavelengths	0.54% 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] ⁺ = 761.076 $\pm$ 1 amu (predominant species)	[M+H] ⁺ = 760.8 amu
Proton NMR	NMR spectrum consistent with structure	Consistent with structure

Melissa Bolin

Approved by:

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