

Egg PC

L-a-phosphatidylcholine (Egg, Chicken)

840051P-25mg

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Molecular Weight	770.123 (average based on fatty acid distribution)/760.076 (predominant species)
Chemical Formula	C ₄₂ H ₈₂ NPO ₈ (predominant species)
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5508PJA636
Avanti Lot Number	840051P-25MG-A-636

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	All Pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
FAME (GC/FID)	Consistent with historical data: Not specification: 16:0 ≈ 34% 16:1 ≈ 2% 18:0 ≈ 11% 18:1 ≈ 32% 18:2 ≈ 18% 20:4 or 20:3 ≈ 3%	Consistent with historical data
Oxidation by UV/VIS	NMT 5% total all wavelength	0.56% total all wavelengths
Mass Spectroscopy	[M+H] ⁺ = 761.1 ± 1 amu (predominant species)	[M+H] ⁺ = 760.6 amu (predominant species)

Approved By:



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