

Egg PE

L- α -phosphatidylethanolamine (Egg, Chicken)

840021P-500mg

Page 1 of 1

Molecular Weight	746.6 (average based on fatty acid distribution in product)
Physical State	Powder
Storage	-20°C
Expiration Date	Three months from date of receipt
M Lot Number	5485PPA268
Avanti Lot Number	840021P-500MG-A-268

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC	>99% Purity Ninhydrin: positive Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	>99% Purity Ninhydrin: positive Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot
UV Oxidation	NMT 5% total all wavelengths	1.37% 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] ⁺ = 769.6 \pm 1 amu (predominant species)	[M+H] ⁺ = 768.8 amu
Proton NMR	NMR spectrum consistent with structure	Consistent with structure

Approved By: *Anderson Thomas*

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