

Egg PE

L- α -phosphatidylethanolamine (Egg, Chicken)

840021C-25mg

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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	5485CJC269
Avanti Lot Number	840021C-25MG-C-269

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Chloroform: 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	>99% Purity Ninhydrin: positive Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
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
UV Oxidation	NMT 5% total all wavelengths	1.08% total all wavelengths
Mass Spectroscopy	[M+H] ⁺ = 769.608 $\pm$ 1 amu (predominant species)	[M+H] ⁺ = 768.6 amu (predominant species)

Approved By:



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