

Egg Lyso PE

L- α -lysophosphatidylethanolamine (Egg, Chicken)

860081P-25mg

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Molecular weight	471.609 (average based on fatty acid distribution in product)
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5876PJC047
Avanti Lot Number	860081P-25MG-C-047

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	All Pass
UV Oxidation	NMT 5% total all wavelengths	1.46% total
FAME (GC/FID)	Consistent with historical data (not specifications): 16:0 = ~33.7% 16:1 = ~0.2% 18:0 = ~57.0% 18:1 = ~5.1% 18:2 = ~0.5%	Consistent with historical data
Phosphorus Assay	95-105% recovery phosphorus	103.4% recovery
Calcium (ICP/MS)	NMT 500 ppm	None Detected
Proton NMR	NMR spectrum consistent with structure	Pass
Mass Spectroscopy	Consistent with historical data [M+H] ⁺ = 454.55 ± 1 amu [M+H] ⁺ = 482.60 ± 1 amu	Consistent with historical data [M+H] ⁺ = 454.2 amu [M+H] ⁺ = 482.3 amu

Approved By:



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