

Egg Lyso PE

L- α -lysophosphatidylethanolamine (Egg, Chicken)

860081P-25mg

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Molecular Weight	481.609
Chemical Formula	C ₂₃ H ₄₈ NO ₇ P
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5876PJB052
Avanti Lot Number	860081P-25MG-B-052

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: negative to faint positive Water dip: one major spot	All Pass
UV Oxidation	NMT 5% total all wavelengths	0.60% 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
Quantitative Phosphorus NMR	Run and Report	98.98 % recovery
Calcium (ICP/MS)	NMT 500ppm	None detected
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H] ⁺ = 454.6 ± 1 amu (16:0) [M+H] ⁺ = 482.6 ± 1 amu (18:0)	[M+H] ⁺ = 454.4 amu [M+H] ⁺ = 482.5 amu

Approved By:



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