

**Egg Lyso PE**
**L- $\alpha$ -lysophosphatidylethanolamine (Egg, Chicken)**
**860081P-100mg**
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<b>Molecular Weight</b>	471.609 (average based on fatty acid distribution in product)
<b>Physical State</b>	Powder
<b>Storage</b>	-20°C
<b>Expiration Date</b>	One year from date of receipt
<b>M Lot Number</b>	5876PLB048
<b>Avanti Lot Number</b>	860081P-100MG-B-048

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Powder:</b> 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	0.82% 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%	16:0 = 33.7% 16:1 = 0.5% 18:0 = 53.1% 18:1 = 9.3% 18:2 = 1.0%
Phosphorus Assay	95-105% recovery phosphorus	103.2% recovery
Calcium (ICP/MS)	NMT 500ppm	None Detected
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	Consistent with historical data [M+H] <sup>+</sup> = 454.55 ± 1 amu [M+H] <sup>+</sup> = 482.60 ± 1 amu	[M+H] <sup>+</sup> = 454.5 amu [M+H] <sup>+</sup> = 482.7 amu

Approved By:



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