

Egg PA

L- α -phosphatidic acid (Egg, Chicken) (sodium salt)

840101P-1G

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Molecular Weight	706.158 (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	5525PQB171
Avanti Lot Number	840101P-1G-B-171

ANALYSIS	SPECIFICATION	SOP
Physical examination	Powder: White solid with no foreign matter.	Pass
TLC	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	All Pass
UV Oxidation	NMT 5% total all wavelengths	0.61% Total all wavelengths
FAME (GC/FID)	Consistent with historical data: 16:0 = ~34.2% 16:1 = ~1.0% 18:0 = ~11.5% 18:1 = ~31.5% 18:2 = ~18.5% 20:4 = ~2.7% 22:6 = ~0.7%	Pass
Calcium (ICP/MS)	NMT 500ppm	None detected
Mass Spectroscopy	[M-Na] ⁺ = 673.158 ± 1 amu (Predominant species)	[M-Na] ⁺ = 673.6 amu

Approved by:

