

Egg PA

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

840101-25mg
Page 1 of 1

Molecular Weight	706.158 (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	5525CJA174
Avanti Lot Number	840101C-25MG-A-174

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Chloroform: Clear solution 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	2.63% total
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%	Consistent with historical data
Calcium (ICP/MS)	NMT 500 ppm	None Detected
Mass Spectroscopy	[M-Na] ⁺ = 673.158 ± 1 amu (predominant species)	[M-Na] ⁺ = 673.8 amu



Approved By:

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