

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	One year from date of receipt
M Lot Number	5525PQF179
Avanti Lot Number	840101P-1G-F-179

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC	>99% Purity Ninhydrin spray: negative Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	>99% Purity Ninhydrin spray: negative Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M-Na] ⁺ = 673.2 $\pm$ 1 amu (Predominant species)	[M-Na] ⁺ = 673.8 amu
UV Oxidation	NMT 5% total all wavelengths	0.5% total
FAME (GC/FID)	Consistent with historical data	Consistent with historical data
Calcium (ICP/MS)	NMT 500 ppm	73 ppm

Approved By:



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