

Egg PG

L- α -phosphatidylglycerol (Egg, Chicken) (sodium salt)

841138P-500mg

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Molecular Weight	782.284 (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	5573PPA220
Avanti Lot Number	841138P-500MG-A-220

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains 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	0.57% total
FAME (GC/FID)	Consistent with historical data 16:0 = ~ 32.9% 16:1 = ~ 0.9% 18:0 = ~ 12.2% 18:1 = ~ 30.2% 18:2 = ~ 18.7% 20:4 = ~ 3.5% 22:4 = ~ 0.9% 22:5 = ~ 0.7%	Consistent with historical data
Calcium (ICP/MS)	NMT 500ppm	93 ppm
Proton NMR	Run and Report	Consistent with structure
Mass Spectroscopy	[M-Na] ⁺ = 747.3 ± 1 amu	747.9

Approved By: *Anderson Thomas*

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