

Egg PG

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

841138C-25mg

Page 1 of 1

Molecular Weight	782.284 (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	5573CJC218
Avanti Lot Number	841138C-25MG-C-218

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	1.04% 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 500 ppm	None Detected
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Quantitative Phosphorus NMR	Run and Report	38.59 mg/ml
Mass Spectroscopy	Consistent with historical data	Consistent with historical data

Approved By: *Anderson Thomas*

For Research Use Only. Not For Human Use.