

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 | 5573PPB220 |
| Avanti Lot Number | 841138P-500MG-B-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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