

Egg PA

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

840101-200mg
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| | |
|--------------------------|---------------------------------------------------------------|
| Molecular Weight | 706.158 (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 | 5525PNE174 |
| Avanti Lot Number | 840101P-200MG-E-174 |

| 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 | 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 \pm 1 amu (predominant species) | [M-Na] ⁺ = 673.8 amu |



Approved By:

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