

Soy PA

 L- α -phosphatidic acid (Soy) (sodium salt)

840074P-25mg
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| | |
|--------------------------|------------------------------------|
| Molecular Weight | 711.769 (average molecular weight) |
| Physical State | Powder |
| Storage | -20°C |
| Expiration Date | Three months from date of receipt |
| M Lot Number | 5524PJD031 |
| Avanti Lot Number | 840074P-25MG-D-031 |

| ANALYSIS | SPECIFICATION | RESULT |
|----------------------|---|---------------------------------|
| 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 | 2.37% total |
| FAME (GC/FID) | Consistent with historical data 16:0 = ~11.7% 18:0 = ~3.4% 18:1 = ~12.6% 18:2 = ~66.1% 18:3 = ~6.1% | Consistent with historical data |
| Calcium (ICP/MS) | NMT 500 ppm | None Detected |
| Mass Spectroscopy | [M-Na] ⁻ = 647.87 ± 1 amu (16:0 – 18:2 PA) [M-Na] ⁻ = 695.92 ± 1 amu (18:2 PA) (predominant species) | [M-Na] ⁻ = 695.9 amu |

Approved By:



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