

Soy PE

 L- α -phosphatidylethanolamine (Soy)

840024C-25mg
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| | |
|--------------------------|---|
| Molecular Weight | 730.453 (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 | 5487CJC157 |
| Avanti Lot Number | 840024C-25MG-C-157 |

| ANALYSIS | SPECIFICATION | RESULTS |
|----------------------|---|---|
| Physical Examination | Chloroform: Clear solution with no foreign matter | Pass |
| TLC | >99% Purity Ninhydrin: positive Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot | All Pass |
| UV Oxidation | NMT 5% total all wavelengths | 0.58% total |
| FAME (GC/FID) | Consistent with historical data 16:0 = ~17.7% 16:1 = ~0.03 18:0 = ~2.2% 18:1 = ~5.0% 18:2 = ~65.5% 18:3 = ~7.4% | Consistent with historical data |
| Mass Spectroscopy* | [M+H] ⁺ = 716.453 ± 1 amu (predominant species) and +NL 141 Scan: [M-141] ⁺ = 716.453 ± 1 amu (predominant species) | [M+H] ⁺ = 716.9 amu and [M-141] ⁺ = 716.9 amu |

*+NL 141 Scan = Neutral Loss Scan of 141 amu



Approved By:

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