

Hydro Soy PC

L- α -phosphatidylcholine, hydrogenated (Soy)

840058P-200mg

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| | |
|--------------------------|---|
| Molecular Weight | 783.774 (average based on fatty acid distribution in product) |
| Physical State | Powder |
| Storage | -20°C |
| Expiration Date | One year from date of receipt |
| M Lot Number | 5513PNG039 |
| Avanti Lot Number | 840058P-200MG-G-039 |

| 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: negative Water dip: one major spot | All Pass |
| UV Oxidation | NMT 5% total all wavelengths | 0.03% total |
| FAME (GC/FID) | Consistent with historical data (not specifications): 16:0 = ~11.4% 18:0 = ~88.6% | Consistent with historical data |
| Proton NMR | NMR spectrum consistent with reference structure | Consistent with structure |
| Mass Spectroscopy | [M+H] ⁺ = 791.0 ± 1 amu (predominant species) | [M+H] ⁺ = 790.9 amu (predominant species) |

Approved By: *Anderson Thomas*

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