

22:6 (Cis) PC

1,2-didocosahexaenoyl-sn-glycero-3-phosphocholine

850400C-25mg

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|--------------------------|---|
| Molecular Weight | 878.18 |
| Chemical Formula | C ₅₂ H ₈₀ NO ₈ P |
| Physical State | Chloroform |
| Storage | -20°C |
| Expiration Date | One year from date of receipt |
| M Lot Number | 5670CJC067 |
| Avanti Lot Number | 850400C-25MG-C-067 |

| ANALYSIS | SPECIFICATION | RESULTS |
|----------------------|---|---|
| Physical Examination | Chloroform: Clear solution which contains no foreign matter | Pass |
| TLC | >99% Purity Ninhydrin spray: negative Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot | All Pass |
| Proton NMR | NMR spectrum consistent with structure | Consistent with structure |
| Mass Spectroscopy | [M+H] ⁺ = 879.18 ± 1 amu | [M+H] ⁺ = 878.82 amu |
| UV Oxidation | NMT 5% total all wavelengths | 0.68% total |
| FAME (GC/FID) | NLT 99% (AUC) Consistent with historical data | 100% (AUC) Consistent with historical data |

 Approved By: *Andriana Thomas*

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