

22:6 PA

1,2-didocosahexaenoyl-sn-glycero-3-phosphate (sodium salt)

840887C-25MG

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|--------------------------|--|
| Molecular Weight | 815.002 |
| Chemical Formula | C ₄₇ H ₆₈ O ₈ PNa |
| Physical State | Chloroform |
| Storage | -20°C |
| Expiration Date | Three months from date of receipt |
| M Lot Number | 5571CJA025 |
| Avanti Lot Number | 840887C-25MG-A-025 |

| ANALYSIS | SPECIFICATION | RESULTS |
|----------------------|---|---|
| Physical Examination | Chloroform: clear solution with no foreign matter | Pass |
| TLC | >99% purity Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot | >99% purity Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot |
| UV Oxidation | NMT 5% total all wavelengths | 1.55% total |
| FAME (GC/FID) | NLT 99% 22:6 (AUC) | 99.5% (AUC) |
| Proton NMR | NMR spectrum consistent with structure | Consistent with structure |
| Mass Spectroscopy | [M-Na] ⁺ = 792.0 ± 1 amu | [M-Na] ⁺ = 791.7 amu |
| Calcium | NMT 500 ppm | 184.7 ppm |

Approved By:



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