

## 22:6 (Cis) PC

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

850400C-500mg

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|                          |                                                   |
|--------------------------|---------------------------------------------------|
| <b>Molecular Weight</b>  | 878.167                                           |
| <b>Chemical Formula</b>  | C <sub>52</sub> H <sub>80</sub> NO <sub>8</sub> P |
| <b>Physical State</b>    | Chloroform                                        |
| <b>Storage</b>           | -20°C                                             |
| <b>Expiration Date</b>   | Three months from date of receipt                 |
| <b>M Lot Number</b>      | 5670CPH069                                        |
| <b>Avanti Lot Number</b> | 850400C-500MG-H-069                               |

| ANALYSIS             | SPECIFICATION                                                                                                                           | RESULTS                        |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
| Physical Examination | <b>Chloroform:</b> Clear solution with no foreign matter                                                                                | Pass                           |
| TLC                  | >99% Purity<br>Ninhydrin: negative<br>Iodine: one major spot<br>Phosphorus: positive<br>Charring: positive<br>Water dip: one major spot | All Pass                       |
| Proton NMR           | NMR spectrum consistent with structure                                                                                                  | Consistent with structure      |
| UV Oxidation         | NMT 5% total all wavelengths                                                                                                            | 1.15% total                    |
| FAME (GC/FID)        | NLT 99% 22:6 (AUC)                                                                                                                      | 99.4% (AUC)                    |
| Mass Spectroscopy    | [M+H] <sup>+</sup> = 879.2 ± 1 amu                                                                                                      | [M+H] <sup>+</sup> = 878.6 amu |

Approved By:



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