

**21:0 PC**

**1,2-diheneicosanoyl-sn-glycero-3-phosphocholine**

**850370P-25mg**

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|                          |                                                    |
|--------------------------|----------------------------------------------------|
| <b>Molecular Weight</b>  | 874.305                                            |
| <b>Chemical Formula</b>  | C <sub>50</sub> H <sub>100</sub> NO <sub>8</sub> P |
| <b>Physical State</b>    | Powder                                             |
| <b>Storage</b>           | -20°C                                              |
| <b>Expiration Date</b>   | One year from date of receipt                      |
| <b>M Lot Number</b>      | 5657PJG017                                         |
| <b>Avanti Lot Number</b> | 850370P-25MG-G-017                                 |

| ANALYSIS             | SPECIFICATION                                                                                                                           | RESULTS                        |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
| Physical examination | <b>Powder:</b> White solid which contains no foreign matter.                                                                            | Pass                           |
| TLC                  | >99% Purity<br>Ninhydrin: negative<br>Iodine: one major spot<br>Phosphorus: positive<br>Charring: negative<br>Water dip: one major spot | All Pass                       |
| FAME (GC/FID)        | NLT 99% (AUC)                                                                                                                           | 99.5% (AUC)                    |
| Mass Spectroscopy    | [M+H] <sup>+</sup> = 875.305 ± 1 amu                                                                                                    | [M+H] <sup>+</sup> = 874.7 amu |

Approved by:



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