

## 14:1 (Δ9-Cis) PC

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

850346P-25mg

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|                          |                                                   |
|--------------------------|---------------------------------------------------|
| <b>Molecular Weight</b>  | 673.901                                           |
| <b>Chemical Formula</b>  | C <sub>36</sub> H <sub>68</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>      | 5645PJD045                                        |
| <b>Avanti Lot Number</b> | 850346P-25MG-D-045                                |

| 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: positive<br>Water dip: one major spot | All Pass                       |
| FAME (GC/FID)        | NLT 99% 14:1 (AUC)                                                                                                                      | 99.7% (AUC)                    |
| Mass Spectroscopy    | [M+H] <sup>+</sup> = 674.901 ± 1 amu                                                                                                    | [M+H] <sup>+</sup> = 674.4 amu |

Approved By:



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