

**18:1 Diether PC**

1,2-di-O-(9Z-octadecenyl)-sn-glycero-3-phosphocholine

**999989P-10mg**

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|                          |   |
|--------------------------|---|
| <b>Molecular Weight</b>  | 758.146   |
| <b>Chemical Formula</b>  | C <sub>44</sub> H <sub>88</sub> NO <sub>6</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>      | 6398PIA016  |
| <b>Avanti Lot Number</b> | 999989P-10MG-A-016                                |

| 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                       |
| Proton NMR           | NMR spectrum consistent with structure  | Consistent with structure      |
| Mass Spectroscopy    | [M+H] <sup>+</sup> = 759.146 ± 1 amu  | [M+H] <sup>+</sup> = 759.4 amu |

Approved by:

