

**16:0-18:0(4,5-dibromo) PC**

**1-palmitoyl-2-stearoyl(4,5)dibromo-sn-glycero-3-phosphocholine**

**850479P-10mg**

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|                          |                                                                   |
|--------------------------|-------------------------------------------------------------------|
| <b>Molecular Weight</b>  | 919.884                                                           |
| <b>Chemical Formula</b>  | C <sub>42</sub> H <sub>82</sub> Br <sub>2</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>      | 5692PIA011                                                        |
| <b>Avanti Lot Number</b> | 850479P-10MG-A-011                                                |

| ANALYSIS                                      | SPECIFICATION                                                                                                                           | RESULTS                        |
|-----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
| Physical Examination                          | <b>Powder:</b> White solid which contains no foreign matter.                                                                            | Pass                           |
| TLC<br>(65:25:4<br>Chloroform:Methanol:Water) | >99% Purity<br>Ninhydrin: negative<br>Iodine: one major spot<br>Phosphorus: positive<br>Charring: negative<br>Water dip: one major spot | All Pass                       |
| Proton NMR                                    | NMR spectrum consistent with structure                                                                                                  | Consistent with structure      |
| Mass Spectroscopy                             | [M+H] <sup>+</sup> = 920.884 ± 1 amu                                                                                                    | [M+H] <sup>+</sup> = 920.4 amu |

Approved by:

