

**16:0 PC-d9****1,2-dipalmitoyl-sn-glycero-3-phosphocholine-N,N,N-trimethyl-d9****860352P-10mg****Page 1 of 1**

**Molecular Weight** 743.094  
**Chemical Formula** C<sub>40</sub>H<sub>71</sub>NO<sub>8</sub>PD<sub>9</sub>  
**Physical State** Powder  
**Storage** -20°C  
**Expiration Date** One year from date of receipt  
**M Lot Number** 5888PIB022  
**Avanti Lot Number** 860352P-10MG-B-022

| 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                       |
| Proton NMR           | NMR spectrum consistent with structure                                                                                                  | Consistent with structure      |
| Mass Spectroscopy    | [M+H] <sup>+</sup> = 744.094 ± 1 amu                                                                                                    | [M+H] <sup>+</sup> = 743.8 amu |

Approved by:

