

**18:0-d35 Lyso PC****1-stearoyl-d35-sn-glycero-3-phosphocholine****860398P-10mg****Page 1 of 1**

**Molecular Weight** 558.899  
**Chemical Formula** C<sub>26</sub>H<sub>19</sub>NO<sub>7</sub>PD<sub>35</sub>  
**Physical State** Powder  
**Storage** -20°C  
**Expiration Date** One year from date of receipt  
**M Lot Number** 5911PIC016  
**Avanti Lot Number** 860398P-10MG-C-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: 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> = 554.9 – 560.9 ± 1 amu<br>(multiple peaks will be observed across this range due to proton/deuterium exchange)      | [M+H] <sup>+</sup> = 559.0 amu |

Approved by: 

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