

**06:0 PS****1,2-dihexanoyl-sn-glycero-3-phospho-L-serine (sodium salt)****840030C-10mg****Page 1 of 1**

**Molecular Weight** 477.419  
**Chemical Formula** C<sub>18</sub>H<sub>33</sub>NO<sub>10</sub>PNa  
**Physical State** Chloroform  
**Storage** -20°C  
**Expiration Date** One year from date of receipt  
**M Lot Number** 5493CIA039  
**Avanti Lot Number** 840030C-10MG-A-039

| ANALYSIS             | SPECIFICATION                                                                                                                           | RESULTS                         |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|
| Physical Examination | <b>Chloroform:</b> Clear solution with no foreign matter                                                                                | Pass                            |
| TLC                  | >99% Purity<br>Ninhydrin: positive<br>Iodine: one major spot<br>Phosphorus: positive<br>Charring: negative<br>Water dip: one major spot | All Pass                        |
| FAME (GC/FID)        | NLT 99% 06:0 (AUC)                                                                                                                      | 99.7% (AUC)                     |
| Calcium (ICP/MS)     | NMT 500ppm                                                                                                                              | None Detected                   |
| Mass Spectroscopy    | Negative mode:<br>[M-Na] <sup>-</sup> = 454.419 ± 1 amu<br>or<br>Positive mode:<br>[M-Na+2H] <sup>+</sup> = 456.419 ± 1 amu             | [M-Na] <sup>-</sup> = 454.4 amu |

Approved By: *Melissa Liles*

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