

16:0-22:6 PA

1-palmitoyl-2-docosaheptaenoyl-sn-glycero-3-phosphate (sodium salt)

840860-25mg

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Molecular Weight 742.937  
Chemical Formula C<sub>41</sub>H<sub>68</sub>O<sub>8</sub>PNa  
Physical State Chloroform  
Storage -20°C  
Expiration Date Three months from date of receipt  
M Lot Number 5563CJA039  
Avanti Lot Number 840860C-25MG-A-039

| ANALYSIS             | SPECIFICATION                                                                                                                           | RESULTS                         |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|
| Physical Examination | <b>Chloroform:</b> Clear solution with 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                        |
| UV Oxidation         | NMT 5% total all wavelengths                                                                                                            | 1.13% total                     |
| FAME (GC/FID)        | 50 ± 5% 16:0 AUC<br>50 ± 5% 22:6 AUC<br>NLT 99% total (AUC)                                                                             | Pass                            |
| Mass Spectroscopy    | [M-Na] <sup>+</sup> = 719.937 ± 1 amu                                                                                                   | [M-Na] <sup>+</sup> = 719.5 amu |
| Calcium (ICP/MS)     | NMT 500ppm                                                                                                                              | None Detected                   |



Approved by:

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