

**16:0 PG**

 1,2-dipalmitoyl-*sn*-glycero-3-phospho-(1'-*rac*-glycerol) (sodium salt)

**840455P-25mg**

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|                          |   |
|--------------------------|---|
| <b>Molecular Weight</b>  | 744.952   |
| <b>Chemical Formula</b>  | C <sub>38</sub> H <sub>74</sub> O <sub>10</sub> PNa |
| <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>      | 5534PJD106  |
| <b>Avanti Lot Number</b> | 840455P-25MG-D-106                                  |

| 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                        |
| FAME (GC/FID)        | NLT 99% 16:0 (AUC)  | 100% (AUC)                      |
| Calcium (ICP/MS)     | NMT 500ppm  | None Detected                   |
| Mass Spectroscopy    | [M-Na] <sup>-</sup> = 721.952 ± 1 amu   | [M-Na] <sup>-</sup> = 721.8 amu |

 Approved By: *Anderson Thomas*

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