

**14:0 PA**
**1,2-dimyristoyl-sn-glycero-3-phosphate (sodium salt)**
**830845P-25mg**
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|                          |  |
|--------------------------|--|
| <b>Molecular Weight</b>  | 614.767  |
| <b>Chemical Formula</b>  | C <sub>31</sub> H <sub>60</sub> O <sub>8</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>      | 5478PJA064   |
| <b>Avanti Lot Number</b> | 830845P-25MG-A-064                                 |

| 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% 14:0 (AUC)  | 99.8% 14:0 (AUC)                |
| Calcium (ICP/MS)     | NMT 500ppm  | None detected                   |
| Mass Spectroscopy    | [M-Na] <sup>+</sup> = 591.676 ± 1 amu   | [M-Na] <sup>+</sup> = 591.9 amu |

Approved by:

