

**14:0 Cardiolipin (sodium salt)**

1',3'-bis[1,2-dimyristoyl-sn-glycero-3-phospho]-sn-glycerol (sodium salt)

**750332C-200mg**

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|                          |   |
|--------------------------|---|
| <b>Molecular Weight</b>  | 1285.597  |
| <b>Chemical Formula</b>  | C <sub>65</sub> H <sub>124</sub> Na <sub>2</sub> O <sub>17</sub> P <sub>2</sub> |
| <b>Physical State</b>    | Chloroform  |
| <b>Storage</b>           | -20 °C  |
| <b>Expiration Date</b>   | One year from date of receipt   |
| <b>M Lot Number</b>      | 5234CNA029  |
| <b>Avanti Lot Number</b> | 750332C-200MG-A-029   |

| 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: negative<br>Water dip: one major spot | All Pass                          |
| FAME (GC/FID)        | NLT 99% 14:0 (AUC)  | 99% 14:0 (AUC)                    |
| Calcium (ICP/MS)     | NMT 500ppm  | Pass                              |
| Mass Spectroscopy    | [M-2Na] <sup>2-</sup> = 619.799 ± 1 amu   | [M-2Na] <sup>2-</sup> = 619.5 amu |

Approved by:

