

**14:0 BMP (S,R)**

**bis(monomyristoylglycero)phosphate (S,R Isomer) (ammonium salt)**

**857131C-10mg**

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|                          |                                                    |
|--------------------------|----------------------------------------------------|
| <b>Molecular Weight</b>  | 683.894                                            |
| <b>Chemical Formula</b>  | C <sub>34</sub> H <sub>70</sub> NO <sub>10</sub> P |
| <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>      | 5799CIA013                                         |
| <b>Avanti Lot Number</b> | 857131C-10MG-A-013                                 |

| ANALYSIS                                     | SPECIFICATION                                                                                                                           | RESULTS                                       |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|
| Physical examination                         | <b>Chloroform:</b> Clear solution with no foreign matter.                                                                               | Pass                                          |
| TLC<br>(80:20:2 Chloroform: Methanol: Water) | >99% Purity<br>Ninhydrin: negative<br>Iodine: one major spot<br>Phosphorus: positive<br>Charring: negative<br>Water dip: one major spot | All Pass                                      |
| Proton NMR                                   | NMR spectrum consistent with structure                                                                                                  | Consistent with structure                     |
| Mass Spectroscopy                            | [M-NH <sub>4</sub> ] <sup>+</sup> = 665.894 ± 1 amu                                                                                     | [M-NH <sub>4</sub> ] <sup>+</sup> = 667.0 amu |

Approved By:

