

**16:0-06:0 NBD PA**

**1-palmitoyl-2-{6-[(7-nitro-2-1,3-benzoxadiazol-4-yl)amino]hexanoyl}-sn-glycero-3-phosphate (ammonium salt)**

**810173P-1mg**

**Page 1 of 1**

|                          |  |
|--------------------------|--|
| <b>Molecular Weight</b>  | 703.761  |
| <b>Chemical Formula</b>  | C <sub>31</sub> H <sub>54</sub> N <sub>5</sub> O <sub>11</sub> P |
| <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>      | 5359PGA019   |
| <b>Avanti Lot Number</b> | 810173P-1MG-A-019  |

| ANALYSIS                      | SPECIFICATION  | RESULTS                                       |
|-------------------------------|--|---|
| Physical Examination          | <b>Powder:</b> Yellow to orange solid which contains no foreign matter.  | Pass  |
| TLC                           | >99% Purity<br>UV: one major spot<br>Ninhydrin: negative<br>Iodine: one major spot<br>Phosphorus: positive<br>Charring: negative to slight positive<br>Water dip: one major spot | All Pass                                      |
| Excitation/Emission by UV/VIS | 464nm/531nm  | Pass  |
| Mass Spectroscopy             | [M-NH <sub>4</sub> ] <sup>+</sup> = 685.761 ± 1 amu  | [M-NH <sub>4</sub> ] <sup>+</sup> = 685.3 amu |

Approved by: *Anderson Thomas*

For Research Use Only. Not For Human Use.