

## 18:1 NBD PE

1,2-dioleoyl-sn-glycero-3-phosphoethanolamine-N-(7-nitro-2-1,3-benzoxadiazol-4-yl) (ammonium salt)

810145P-5mg

Page 1 of 1

|                          |                                                                  |
|--------------------------|------------------------------------------------------------------|
| <b>Molecular Weight</b>  | 924.155                                                          |
| <b>Chemical Formula</b>  | C <sub>47</sub> H <sub>82</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>      | 5338PHG042                                                       |
| <b>Avanti Lot Number</b> | 810145P-5MG-G-042                                                |

| 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: positive<br>Water dip: one major spot | All Pass                                      |
| Excitation/Emission by UV/VIS | 460nm/535nm                                                                                                                                                   | Pass                                          |
| Mass Spectroscopy             | [M-NH <sub>4</sub> ] <sup>+</sup> = 906.155 ± 1 amu                                                                                                           | [M-NH <sub>4</sub> ] <sup>+</sup> = 906.1 amu |

Approved By:



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