

## 12:0 Lyso NBD PC

1-{12-[(7-nitro-2-1,3-benzoxadiazol-4-yl)amino]dodecanoyl}-2-hydroxy-sn-glycero-3-phosphocholine

810128P-1mg

Page 1 of 1

|                          |                                                                  |
|--------------------------|------------------------------------------------------------------|
| <b>Molecular Weight</b>  | 617.629                                                          |
| <b>Chemical Formula</b>  | C <sub>26</sub> H <sub>44</sub> N <sub>5</sub> O <sub>10</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>      | 5322PGA023                                                       |
| <b>Avanti Lot Number</b> | 810128P-1MG-A-023                                                |

| 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                           |
| Calcium (ICP/MS)              | NMT 500ppm                                                                                                                                                                       | None Detected                  |
| Proton NMR                    | NMR spectrum consistent with structure                                                                                                                                           | Consistent with structure      |
| Mass Spectroscopy             | [M+H] <sup>+</sup> = 618.629 ± 1 amu                                                                                                                                             | [M+H] <sup>+</sup> = 618.3 amu |

Approved By:



For Research Use Only. Not For Human Use.