

**18:1-2:0 DG**

**1-oleoyl-2-acetyl-sn-glycerol**

**800100C-10mg**

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|                          |                                                |
|--------------------------|------------------------------------------------|
| <b>Molecular Weight</b>  | 398.577                                        |
| <b>Chemical Formula</b>  | C <sub>23</sub> H <sub>42</sub> O <sub>5</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>      | 5283CIA058                                     |
| <b>Avanti Lot Number</b> | 800100C-10MG-A-058                             |

| ANALYSIS                          | SPECIFICATION                                                                                                                           | RESULTS                                      |
|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|
| Physical examination              | <b>Chloroform:</b> Clear solution with no foreign matter.                                                                               | Pass                                         |
| TLC<br>(95:5 Chloroform: Acetone) | >99% Purity<br>Ninhydrin: negative<br>Iodine: one major spot<br>Phosphorus: negative<br>Charring: positive<br>Water dip: one major spot | All pass                                     |
| HPLC-ELSD                         | NLT 99% (AUC)                                                                                                                           | 100% (AUC)                                   |
| Proton NMR                        | NMR spectrum consistent with structure                                                                                                  | Consistent with structure                    |
| Mass Spectroscopy                 | [M+NH <sub>4</sub> ] <sup>+</sup> =416.577 ± 1 amu                                                                                      | [M+NH <sub>4</sub> ] <sup>+</sup> =416.3 amu |

Approved by:

