

08:0 DG

1,2-dioctanoyl-sn-glycerol

800800C-25MG

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|                          |                                                |
|--------------------------|------------------------------------------------|
| <b>Molecular weight</b>  | 344.486                                        |
| <b>Chemical formula</b>  | C <sub>19</sub> H <sub>36</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>      | 5294CJA109                                     |
| <b>Avanti Lot Number</b> | 800800C-25MG-A-109                             |

| 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: negative<br>Water dip: one major spot | All Pass                                      |
| HPLC-ELSD                         | NLT 99% (AUC)                                                                                                                           | 99 % DG (AUC)                                 |
| FAME (GC/FID)                     | NLT 99% 8:0 (AUC)                                                                                                                       | 100 % 8:0 (AUC)                               |
| Mass Spectroscopy                 | [M+NH <sub>4</sub> ] <sup>+</sup> = 362.5 ± 1 amu                                                                                       | [M+NH <sub>4</sub> ] <sup>+</sup> = 362.5 amu |

Approved By:

