

08:0 DG

1,2-diocctanoyl-sn-glycerol

800800C-10mg

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**Molecular Weight** 344.486  
**Chemical Formula** C<sub>19</sub>H<sub>36</sub>O<sub>5</sub>  
**Physical State** Chloroform  
**Storage** -20°C  
**Expiration Date** One year from date of receipt  
**M Lot Number** 5294CIA110  
**Avanti Lot Number** 800800C-10MG-A-110

| 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)                                                                                                                           | Pass                                          |
| FAME (GC/FID)                     | NLT 99% 8:0 (AUC)                                                                                                                       | 100% (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:



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