

State of the Art Ingredients \* Fast Friendly Service

**Product Name** Glyceryl Stearate SE (GMSE)  
**Lot Number** 48956  
**Manufacture Date** 2024-10-01  
**Retest Date** 2026-10-01

| PRODUCT CHARACTERISTIC                      | SPECIFICATIONS             | LABORATORY RESULT |
|---|----------------------------|-------------------|
| Appearance                                  | Off-white Granule or Flake | PASS              |
| Acid Value (mg KOH/1g sample)               | 3.5 max                    | PASS              |
| Saponification Value (mg KOH/1g sample)     | 138-152                    | 148.24            |
| Iodine Value (Hanus) (g Iodine/100g sample) | 6 max                      | 0.34              |
| Color (Gardner)                             | 3 MAX                      | PASS              |
| Melt Point (Class II) (C)                   | 56-60c                     | 57                |
| Neutralization Number (mg KOH/1g sample)    | 15.0-19.0                  | PASS              |
| Percent Loss On Drying (%)                  | 1% max                     | PASS              |
| Free Glycerin                               | 7% max                     | PASS              |
| Monoglycerides (%)                          | 30% min                    | PASS              |

**DISCLAIMER**

Technical information and suggestions for use including any formulations and / or procedures are believed to be correct. However this does not constitute a guarantee of the accuracy of the information contained herein and confirming tests in your own laboratory or facility are recommended.

No statement or suggestion of use should be construed as a recommendation or inducement to violate any patent rights and no patent liability may be assumed.

The information contained in this Certificate of Analysis and Material Safety Data Sheet are obtained from current and reliable sources. As the ordinary or otherwise use(s) of this product is outside the control of Ingredients To Die For, no representation or warranty, expressed or implied is made as to the effect(s) of such use(s) (including damage or injury), or the results obtained.

Ingredients To Die For expressly disclaims responsibility as to the ordinary or otherwise use(s). Furthermore, Ingredients To Die For as to the fitness for any use should consider nothing contained herein as a recommendation. The liability of Ingredients To Die For is limited to the value of the goods and does not include any consequential loss.