



## **CERTIFICATE OF ANALYSIS**

**PRODUCT NAME : STEARIC ACID FOR SYNTHESIS**

**CAS No : 57- 11- 4**

**Mol. Formula : C<sub>18</sub>H<sub>36</sub>O<sub>2</sub>**

**Mol. WT : 284.48**

**Date of analysis : 30/01/23**

**Product code : 19060**

**Batch No. : MCR- 27550**

**Mfd. : Jan. 2023**

**Exp. : Dec. 2027**

| S.R | Test                      | Specification                                                               | Observation         |
|-----|---------------------------|-----------------------------------------------------------------------------|---------------------|
| 1   | <b>Description</b>        | White powder or white, greasy, flakes, crystals or pril like powder or hard | White powder        |
| 2   | <b>Assay</b>              | 98% min                                                                     | 98.02%              |
| 3   | <b>Melting point</b>      | about 69°C                                                                  | 69.3 <sup>0</sup> C |
| 4   | <b>Acid Number</b>        | 195 - 200                                                                   | 197                 |
| 5   | <b>Saponification No.</b> | 197 - 200                                                                   | 198                 |
| 6   | <b>Ash</b>                | 0.01% max                                                                   | 0.008%              |
| 7   | <b>Iodine No. (WIJIS)</b> | 3 max.                                                                      | 1.55                |

**REMARK:** THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

**[Tested By]**

**CHEMIST  
(Deepa)**

**[QC Incharge]**

**HEAD-QUALITY ASSUARANCE  
(G.G.Salian)**

**Note:** Computer generated image requires no sign.

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