



## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : STEARIC ACID FOR SYNTHESIS**

**CAS No** : 57- 11- 4  
**Mol. Formula** :  $C_{18}H_{36}O_2$   
**Mol. WT** : 284.48  
**Date of analysis** : 23/05/19

**Product code** : 19060  
**Batch No** : MCR-18740  
**Mfd.** : May 2019  
**Exp.** : April 2024

| S.R | Test                      | Specification                                                               | Observation         |
|-----|---------------------------|-----------------------------------------------------------------------------|---------------------|
| 1   | <b>Description</b>        | White powder or white, greasy, flakes, crystals or pril like powder or hard | White flakes        |
| 2   | <b>Assay</b>              | 98% min                                                                     | 98.42%              |
| 3   | <b>Melting point</b>      | about 69°C                                                                  | 69.2 <sup>0</sup> C |
| 4   | <b>Acid Number</b>        | 195 - 200                                                                   | 198                 |
| 5   | <b>Saponification No.</b> | 197 - 200                                                                   | 199                 |
| 6   | <b>Ash</b>                | 0.01% max                                                                   | 0.005%              |
| 7   | <b>Iodine No. (WIJIS)</b> | 3 max.                                                                      | 2.55                |

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

**[Tested By]**

**[QC Incharge]**

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

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

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