

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : OLEIC ACID**  
(Suitable for pharma industry)

**CAS No : 112-80-1**  
**Mol. Formula : C<sub>17</sub>H<sub>33</sub>.COOH**  
**Mol. WT : 282.47**  
**Date of Analysis : 21/09/23**

**Product code : 53510**  
**Batch No. : MCR-25680-01**  
**Mfd. : Sept. 2023**  
**Exp. : Aug. 2028**

| S. R                      | Test                          | Specification                     | Observation              |
|---------------------------|-------------------------------|-----------------------------------|--------------------------|
| 1                         | Description                   | Pale yellow or brown oily liquid. | Pale yellow oily liquid. |
| 2                         | Colour,APHA                   | 225 max                           | 222                      |
| 3                         | Acid value, mg KOH/g          | 195-203                           | 197                      |
| 4                         | Saponification value,mg KOH/g | 196-204                           | 200                      |
| 5                         | Iodine value, g iodine/100g   | 86 min                            | 87                       |
| 6                         | Titre, <sup>0</sup> C         | 8.5 max                           | 8.3                      |
| Fatty Acid Composition, % |                               |                                   |                          |
|                           | C18 : 1                       | 75 min                            | 78                       |
|                           | C18 : 2                       | 13 max                            | 11                       |

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

**[Tested By]**

**CHEMIST**  
**(Ruchi)**

**[QC Incharge]**

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

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

**MOLYCHEM H.Q. : Maker Tower 'E', 41-A2, 4th Floor, Above Maker Arcade, Cuffe Parade, Mumbai 400 005 (INDIA)**

**Tel. : +91 22 4066 8111 • Email: [info@molychem.net](mailto:info@molychem.net) • Web: [www.molychem.net](http://www.molychem.net)**

**Reg. Office : 78/80 Babu Genu Road, Souri Bldg., 2nd Floor, Mumbai - 400 002 (INDIA)**

**Works : Unit I - Plot No. B/9, Unit II - Plot No. B/11, Badlapur M.I.D.C., Opp. Shobhavat Textile Co., Kulgaon, Badlapur (E), Dist.-Thane-421 503.**