



## **CERTIFICATE OF ANALYSIS**

**PRODUCT NAME : DL-MALIC ACID**

**CAS No : 617-48-1**

**Mol. Formula : C<sub>4</sub>H<sub>6</sub>O<sub>5</sub>**

**Mol. WT : 134.09**

**Date of analysis : 29/12/22**

**Product code : 15550**

**Batch No. : MCR-27340**

**Mfd. : Dec. 2022**

**Exp. : Nov. 2027**

| S. R | Test           | Specification                        | Observation              |
|------|----------------|--------------------------------------|--------------------------|
| 1    | Description    | White crystalline powder             | White crystalline powder |
| 2    | Assay          | 99% min                              | 99.20%                   |
| 3    | Melting point  | 128 <sup>0</sup> -131 <sup>0</sup> C | 129.6 <sup>0</sup> C     |
| 4    | Sulphated ash  | 0.1% max                             | 0.08%                    |
| 5    | Chloride (HCl) | 0.2% max                             | <0.2%                    |

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

**[Tested By]**

**CHEMIST  
(Priyanka)**

**[QC Incharge]**

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

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

**MOLYCHEM Office: 78/80 Babu Genu Road, Souri Bldg., 2<sup>nd</sup> Floor, Mumbai – 400 002 (INDIA)  
Tel: +91 22 4066 8111, 2205 7772 . Fax: + 91 22 2203 4442. Email : [info@molychem.net](mailto:info@molychem.net)  
Works: Plot No. B/9, Badlapur M.I.D.C.,OPP.Shobhavat Textile Co.,  
Kulgaon, Badlapur (E), Dist.-Thane-421 503**