



## **CERTIFICATE OF ANALYSIS**

**Date:** 24/09/16

**PRODUCT NAME :** DL-MALIC ACID

**CAS No** : 617-48-1  
**Mol. Formula** :  $C_4H_6O_5$   
**Mol. WT** : 134.09  
**Exp.** : Aug 2021

**Product code** : 15550  
**Batch No** : MCR-12348  
**Mfd.** : Sept. 2016

| S. R | Test           | Specification                        | Observation        |
|------|----------------|--------------------------------------|--------------------|
| 1    | Assay          | 99% min                              | 99.68%             |
| 2    | Melting point  | 128 <sup>0</sup> -131 <sup>0</sup> C | 129 <sup>0</sup> C |
| 3    | Sulphated ash  | 0.1% max                             | 0.06%              |
| 4    | Chloride (HCl) | 0.2% max                             | <0.2%              |

**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.

**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