



## **CERTIFICATE OF ANALYSIS**

**PRODUCT NAME : b-ALANINE FOR BIOCHEMISTRY**

**CAS No** : 107-95-9  
**Mol. Formula** :  $C_3H_7NO_2$   
**Mol. WT** : 89.09  
**Date of analysis** : 28/12/19

**Product code** : 21240  
**Batch No** : MCR-20481  
**Mfd.** : Dec. 2019  
**Exp.** : Nov. 2024

| S. R. | Test                                 | Specification                         | Observation                 |
|-------|--------------------------------------|---------------------------------------|-----------------------------|
| 1     | Description                          | A white powder or crystalline powder. | A white crystalline powder. |
| 2     | Assay                                | 99% min                               | 99.85%                      |
| 3     | Loss on drying at 110 <sup>0</sup> C | 0.5% max                              | 0.27%                       |
| 4     | Sulphated ash                        | 0.1% max                              | 0.05%                       |
| 5     | Iron (Fe)                            | 0.0005% max                           | <0.0005%                    |
| 6     | Lead (Pb)                            | 0.002% max                            | <0.002%                     |

**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