



## **CERTIFICATE OF ANALYSIS**

**PRODUCT NAME : BORIC ACID AR**  
(Ortho Boric Acid)

**CAS No : 10043-35-3**  
**Mol. Formula : H<sub>3</sub>BO<sub>3</sub>**  
**Mol. WT : 61.83**  
**Date of analysis : 18/07/23**

**Product code : 22360**  
**Batch No. : MCRT-28805**  
**Mfd. : July 2023**  
**Exp. : June 2028**

| S.R | Test                         | Specification                            | Observation        |
|-----|------------------------------|------------------------------------------|--------------------|
| 1   | Description                  | White fine powder or crystalline powder. | White fine powder. |
| 2   | Assay                        | 99.5%w/w min                             | 9986% w/w          |
| 3   | Alcohol insoluble matter     | 0.005% max                               | 0.002%             |
| 4   | Water insoluble matter       | 0.005% max                               | 0.002%             |
| 5   | Non esterifiable impurities  | 0.04% max                                | <0.04%             |
| 6   | Chloride (Cl)                | 0.0002% max                              | <0.0002%           |
| 7   | Phosphate (PO <sub>4</sub> ) | 0.001% max                               | <0.001%            |
| 8   | Sulphate(SO <sub>4</sub> )   | 0.001% max                               | <0.001%            |
| 9   | Arsenic (As)                 | 0.0001% max                              | <0.0001%           |
| 10  | Calcium(Ca)                  | 0.001% max                               | <0.001%            |
| 11  | Copper(Cu)                   | 0.0005% max                              | <0.0005%           |
| 12  | Iron(Fe)                     | 0.0002% max                              | <0.0002%           |
| 13  | Lead (Pb)                    | 0.0005% max                              | <0.0005%           |
| 14  | Magnesium (Mg)               | 0.001% max                               | <0.001%            |

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

**[Tested By]**

**[QC Incharge]**

**CHEMIST**  
**(Jyoti)**

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

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

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