



# Qualikems Lifesciences Pvt. Ltd.

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## CERTIFICATE OF ANALYSIS

|                          |                                  |                         |                 |
|--------------------------|----------------------------------|-------------------------|-----------------|
| <b>Name of Product</b>   | : Boric Acid                     | <b>CAS No.</b>          | : 10043-35-3    |
| <b>Molecular Formula</b> | : H <sub>3</sub> BO <sub>3</sub> | <b>Molecular Weight</b> | : 61.83 g/mol   |
| <b>Batch No.</b>         | : QF2512191                      | <b>Grade</b>            | : LR            |
| <b>Mfg. Date</b>         | : December-2025                  | <b>Retest Date</b>      | : November-2030 |

| Sr. No.                              | Tests                                | Specification  | Observation |
|--------------------------------------|--------------------------------------|----------------|-------------|
| 1                                    | Appearance                           | White powder   | Complies    |
| 2                                    | Assay (by acidimetry)                | 99.5 %         | 99.79 %     |
| <b>Maximum Limits of Impurities:</b> |                                      |                |             |
| 3                                    | Substances insoluble in alcohol      | To passes test | Complies    |
| 4                                    | pH(3.3%, water)                      | 3.8-4.8        | 4.12        |
| 5                                    | Sulphate(SO <sub>4</sub> )           | 0.04 %         | < 0.04 %    |
| 6                                    | Heavy metals(as Pb)                  | 0.0015%        | 0.0011 %    |
| 7                                    | Arsenic(As)                          | 0.0008%        | < 0.0008 %  |
| 8                                    | Sodium(Na)                           | 0.002%         | 0.001 %     |
| 9                                    | Organic Impurities                   | To passes test | Complies    |
| 10                                   | Loss on drying (5 h over silica gel) | 0.5 %          | 0.4 %       |

**Conclusion:** Product complies as per above specification.

**Note:** This document has been produced electronically and it is valid without signature.

Quality of our product tested and reported in the COA are as per the specification and without any prejudice/liability what so ever the end product performance.

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