

**Boric Acid Powder Pure ( Equivalent To I.P )**

**Certificate OF ANALYSIS**

| Particulars  | Specifications            | Result                |
|--|---------------------------|-----------------------|
| Assay, H <sub>3</sub> BO <sub>3</sub> (On Dried Basis) | 99.50% min.               | 99.82 %               |
| pH(3.33% of Solution @Room Temp)                       | 3.8-4.8                   | 3.99                  |
| Clarity & Colour (3.33% of Soln.)                      | Clear & Colourless        | Clear & Colourless    |
| Sulphate (as SO <sub>4</sub> )                         | < 450 ppm                 | 350 ppm               |
| Chloride ( as Cl)                                      | <50 ppm                   | <50 ppm               |
| Iron as (as Fe)  | <5 ppm                    | <5 ppm                |
| Arsenic (as As)  | <5 ppm                    | <5 ppm                |
| Heavy Metal (as Pb)                                    | <10 ppm                   | 10 ppm                |
| Loss on Drying   | < 0.50% max               | 0.16 %                |
| Insoluble Matter                                       | NIL                       | TRACES                |
| Bulk Density   | 500-600 Kg/m <sup>3</sup> | 554 Kg/m <sup>3</sup> |
| Particle Size (-200)                                   | 90.00% min                | 91.45%                |

