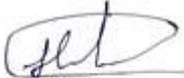


CERTIFICATE OF ANALYSIS

| | |
|----------------------------------|---------------------------|
| Product Name : BORIC ACID POWDER | Release Date : 1-OCT-2025 |
| Lot No. : PEL/TCG/250225/25 | Mol. Weight : 61.83 |
| Mol. Formula : H3BO3 | CAS No. : 10043-35-3 |
| Code No. : PEL106 | Exp. Date : Aug-2032 |
| Mfg. Date : Sep-2025 | HAZ. / P.G. : - |

| Sr. | Tests | Specifications | Results |
|-----|--|--|--------------|
| 1 | Appearance | White powder | White powder |
| 2 | Assay (alkalimetric; on dried basis) | 99.4-100.6% | 100.46% |
| 3 | Identification | To comply IP, BP, USP tests | Passes test |
| 4 | Solubility | Soluble in water and in ethanol (96 per cent), freely soluble in boiling water and in glycerol (85 per cent) | Passes test |
| 5 | Appearance of solution | To comply IP, BP, USP | Passes test |
| 6 | Substance insoluble in alcohol | To comply IP, BP, USP test | Passes test |
| 7 | pH (3.3% solution in water) | 3.8 - 4.7 | 4.37 |
| 8 | Sulphate (SO ₄) | Max 0.045% | 0.008% |
| 9 | Heavy metal (as Pb) | max 0.0015% | Not detected |
| 10 | Arsenic (As) | Max 0.001% | <0.00005% |
| 11 | Organic impurities | To comply BP test | Passes test |
| 12 | Loss on drying (5hrs; over silica gel) | Max 0.5% | 0.11% |

Based on the evaluation, the product meets all applicable PELICAN (Trust Lies Here) specifications.



Pelican
 (Trust lies here)