# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :** QUALITY CONTROL DISTRICT LAB ALUVA, WATER TREATMENT CAMPUS, ALUVA, ERNAKULAM, KERALA, INDIA

**Accreditation Standard** ISO/IEC 17025:2017

**Certificate Number** TC-9552 **Page No** 1 of 1

**Validity** 24/05/2021 to 23/05/2023 **Last Amended on** -

| S.No | Discipline / Group | Materials or Products tested | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|---|---|---|---|---|
| Permanent Facility | | | | |
| 1 | CHEMICAL- WATER | Drinking Water | Calcium (as Ca) | IS 3025 (Part 40) |
| 2 | CHEMICAL- WATER | Drinking Water | Chloride (as Cl) | IS 3025 (Part 32) |
| 3 | CHEMICAL- WATER | Drinking Water | Colour | IS 3025 (Part 4) |
| 4 | CHEMICAL- WATER | Drinking Water | Iron (as Fe) | APHA 23rd Edition -3500-Fe Method B (Phenanthroline Method) |
| 5 | CHEMICAL- WATER | Drinking Water | Magnesium (as Mg) | IS 3025 (Part 46) |
| 6 | CHEMICAL- WATER | Drinking Water | Nitrate (as NO3) | APHA 23rd Edition -4500- NO3 Method B (UV Screening Method) |
| 7 | CHEMICAL- WATER | Drinking Water | Odour | IS 3025 (Part 5) |
| 8 | CHEMICAL- WATER | Drinking Water | pH | IS 3025 (Part 11) |
| 9 | CHEMICAL- WATER | Drinking Water | Sulphate (as SO4) | APHA 23rd Edition -4500-SO4 Method E (Turbidimetric Method) |
| 10 | CHEMICAL- WATER | Drinking Water | Taste | IS 3025 (Part 8) |
| 11 | CHEMICAL- WATER | Drinking Water | Total Alkalinity (as CaCO3) | IS 3025 (Part 23) |
| 12 | CHEMICAL- WATER | Drinking Water | Total Dissolved Solids | IS 3025 (Part 16) |
| 13 | CHEMICAL- WATER | Drinking Water | Total Hardness (as CaCO3) | IS 3025 (Part 21) |
| 14 | CHEMICAL- WATER | Drinking Water | Turbidity | IS 3025 (Part 10) |