# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :** CENTRAL LABORATORY, GUJARAT JALSEVA TRAINING INSTITUTE, GUJARAT WATER SUPPLY & SEWERAGE BOARD, GROUND FLOOR, 'G' ROAD, SECTOR-15, GANDHINAGAR, GUJARAT, INDIA

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

**Certificate Number** TC-7117 **Page No** 1 of 2

**Validity** 16/03/2023 to 15/03/2025 **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- RESIDUES IN WATER | Drinking Water | Aluminum (asAl) | APHA ICP MS Method 3125 B (23rd Edition) |
| 2 | CHEMICAL- RESIDUES IN WATER | Drinking Water | Barium (as Ba) | APHA ICP MS Method 3125 B (23rd Edition) |
| 3 | CHEMICAL- RESIDUES IN WATER | Drinking Water | Boron (as B) | APHA ICP MS Method 3125 B (23rd Edition) |
| 4 | CHEMICAL- RESIDUES IN WATER | Drinking Water | Cadmium (as Cd) | APHA ICP MS Method 3125 B (23rd Edition) |
| 5 | CHEMICAL- RESIDUES IN WATER | Drinking Water | Copper (as Cu) | APHA ICP MS Method 3125 B (23rd Edition) |
| 6 | CHEMICAL- RESIDUES IN WATER | Drinking Water | Lead (as pb) | APHA ICP MS Method 3125 B (23rd Edition) |
| 7 | CHEMICAL- RESIDUES IN WATER | Drinking Water | Manganese (as Mn) | APHA ICP MS Method 3125 B (23rd Edition) |
| 8 | CHEMICAL- RESIDUES IN WATER | Drinking Water | Mercury (as Hg) | APHA ICP MS Method 3125 B (23rd Edition) |
| 9 | CHEMICAL- RESIDUES IN WATER | Drinking Water | Molydenum (as Mo) | APHA ICP MS Method 3125 B (23rd Edition) |
| 10 | CHEMICAL- RESIDUES IN WATER | Drinking Water | Nickle (as Ni) | APHA ICP MS Method 3125 B (23rd Edition) |
| 11 | CHEMICAL- RESIDUES IN WATER | Drinking Water | Selenium (as Se) | APHA ICP MS Method 3125 B (23rd Edition) |
| 12 | CHEMICAL- RESIDUES IN WATER | Drinking Water | Silver (as Ag) | APHA ICP MS Method 3125 B (23rd Edition) |
| 13 | CHEMICAL- RESIDUES IN WATER | Drinking Water | Total Arsenic (as As) | APHA ICP MS Method 3125 B (23rd Edition) |
| 14 | CHEMICAL- RESIDUES IN WATER | Drinking Water | Total Chromium (as Cr) | APHA ICP MS Method 3125 B (23rd Edition) |
| 15 | CHEMICAL- RESIDUES IN WATER | Drinking Water | Zinc (as Zn) | APHA ICP MS Method 3125 B (23rd Edition) |
| 16 | CHEMICAL- WATER | Drinking Water | Calcium | APHA, Method: 3500 Ca+2 B (23rd Ed) |
| 17 | CHEMICAL- WATER | Drinking Water | Chloride | APHA, Method: 4500-Cl – B (23rd Ed) |
| 18 | CHEMICAL- WATER | Drinking Water | Colour | APHA Method: 2120 B (23rd Ed.) |

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|---|---|---|---|---|
| 19 | CHEMICAL- WATER | Drinking Water | Conductivity | APHA, Method: 2510 B (23rd Ed) |
| 20 | CHEMICAL- WATER | Drinking Water | Fluoride | APHA, Method: 4500-F – C (23rd Ed) |
| 21 | CHEMICAL- WATER | Drinking Water | Magnesium | APHA, Method: 3500-Mg+2 B (23rd Ed) |
| 22 | CHEMICAL- WATER | Drinking Water | Nitrate | APHA, Method: 4500-NO3- B (23rd Ed) |
| 23 | CHEMICAL- WATER | Drinking Water | Odour | IS 3025(Part 5) – (Second Revision) |
| 24 | CHEMICAL- WATER | Drinking Water | pH Value | APHA, Method: 4500 H+ B (23rd Ed) |
| 25 | CHEMICAL- WATER | Drinking Water | Sulphate | APHA, Method: 4500-SO4-2 E (23rd Ed) |
| 26 | CHEMICAL- WATER | Drinking Water | Taste | IS 3025 (Part 8) |
| 27 | CHEMICAL- WATER | Drinking Water | Total Alkalinity | APHA, Method: 2320 B (23rd Ed) |
| 28 | CHEMICAL- WATER | Drinking Water | Total Dissolved Solids | APHA method: 2540C (23rd Ed) |
| 29 | CHEMICAL- WATER | Drinking Water | Total Hardness | APHA, Method: 2340 C (23rd Ed) |
| 30 | CHEMICAL- WATER | Drinking Water | Turbidity | APHA Method: 2130 B (23rd Ed.) |