# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :** UPPER CAUVERY WATER QUALITY LABORATORY, CENTRAL WATER COMMISSION, CAUVERY DIVISION, JALASOUDA, JALAHALLI, BENGALURU, KARNATAKA, INDIA

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

**Certificate Number** TC-7793 **Page No** 1 of 1

**Validity** 06/12/2021 to 05/12/2023 **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 | Water (River Water) | Chloride as Cl | APHA 23rd Edn.2017-4500 Cl.B(Argentometric Method) |
| 2 | CHEMICAL- WATER | Water (River Water) | Magnesium as Mg | APHA 23rd Edn.2017-3500Mg-B(Calculation method) |
| 3 | CHEMICAL- WATER | Water (River Water) | Total Alkalinity | APHA 23rd Edn.2017-2320B(Titration method) |
| 4 | CHEMICAL- WATER | Water /Surface Water( River Water) | pH | APHA 23rd Edn.2017-4500-HB(Electrometric method) |
| 5 | CHEMICAL- WATER | Water(River Water) | Biological Oxygen Demand | APHA 23rd Edn.2017-5210B(@20°C,5 Day BOD test method) |
| 6 | CHEMICAL- WATER | Water(River Water) | Chemical Oxygen Demand | APHA 23rd Edn.2017-5220D(Closed reflux colorimetric Method) |
| 7 | CHEMICAL- WATER | Water(River Water) | Dissolved Oxygen | APHA 23rd Edn.2017-4500 OC(Iodometric method) |
| 8 | CHEMICAL- WATER | Water(River Water) | Fluoride as F | APHA 23rd Edn.2017-4500 FC(ISE method) |
| 9 | CHEMICAL- WATER | Water(River Water) | Nitrate as NO3 | APHA 23rd Edn.2017-4500 NO3D(Nitrate Electrode method) |
| 10 | CHEMICAL- WATER | Water(River Water) | Potassium as K | APHA 23rd Edn.2017-3500 KB(Flame Emission Photometric Method) |
| 11 | CHEMICAL- WATER | Water(River Water) | Sodium as Na | APHA 23rd Edn.2017-3500 NaB(Flame Emission Photometric Method) |
| 12 | CHEMICAL- WATER | Water/ Surface Water (River Water) | Calcium as Ca | APHA 23rd Edn.2017-3500 CaB(EDTA Titrimetric Method) |
| 13 | CHEMICAL- WATER | Water/ Surface Water (River Water) | Conductivity | APHA 23 rd Edn.2017-2510 B(Laboratory Method) |
| 14 | CHEMICAL- WATER | Water/ Surface Water (River Water) | Total Hardness | APHA 23rd Edn.2017 2340 C(EDTA Titrimetric Method) |