# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :** STATE PUBLIC HEALTH AND CENTRAL/REFERRAL FOOD LABORATORY, STAVELEY ROAD, CANTONMENT WATER WORKS COMPOUND, PULGATE, PUNE, MAHARASHTRA, INDIA

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

**Certificate Number** TC-9280 **Page No** 1 of 4

**Validity** 24/02/2021 to 23/02/2023 **Last Amended on** 29/10/2022

| 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 | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Beverages (Non-Alcoholic): Carbonated Water | Coliform Bacteria | IS 5401 (Part II) |
| 2 | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Beverages (Non-Alcoholic): Carbonated Water | Total Plate Count | IS 5402 |
| 3 | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Malt Based & Malted Milk Foods | Coliform Bacteria | IS 5401 (PART I) |
| 4 | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Malt Based & Malted Milk Foods | E. Coli | IS 5887 (PART I) |
| 5 | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Malt Based & Malted Milk Foods | Salmonella | IS 5887 (PART III) |
| 6 | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Malt based and malted Milk Products | Total Plate Count | IS 5402 |
| 7 | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Milk & Dairy Products(Company Sealed/Packed) | Salmonella | IS 5887 (PART III) |
| 8 | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Ready to serve fruit beverages / fruit drink/Carbonated Fruit Beverages | E. coli | IS 5887( Part I) RA 2018 |
| 9 | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Ready to serve fruit beverages /fruit drink/Carbonated Fruit Beverages | Salmonella | IS 5887 (Part III) RA 2018 |
| 10 | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Spice & Condiments | Salmonella | IS 5887 (PART III) |
| 11 | BIOLOGICAL- WATER | Packaged Drinking Water | Aerobic Microbial Count | IS 5402 |
| 12 | BIOLOGICAL- WATER | Packaged Drinking Water | Coliform Bacteria | IS 15185 |
| 13 | BIOLOGICAL- WATER | Packaged Drinking Water | E.coli | IS 15185 |
| 14 | BIOLOGICAL- WATER | Packaged Drinking Water | Pseudomonas aeruginosa | IS 13428 |
| 15 | BIOLOGICAL- WATER | Packaged Drinking Water | Salmonella | IS 15187 |
| 16 | BIOLOGICAL- WATER | Packaged Natural Mineral Water | Aerobic Microbial Count | IS 5402 |
| 17 | BIOLOGICAL- WATER | Packaged Natural Mineral Water | Coliform Bacteria | IS 15185 |

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| 18 | BIOLOGICAL- WATER | Packaged Natural Mineral Water | E. Coli | IS 15185 |
| 19 | BIOLOGICAL- WATER | Packaged Natural Mineral Water | Pseudomonas aeruginosa | IS 13428 |
| 20 | BIOLOGICAL- WATER | Packaged Natural Mineral Water | Salmonella | IS 15187 |
| 21 | BIOLOGICAL- WATER | Water For Processed Food Industry | Coliform Bacteria | IS 4251 Published with IS 1622 |
| 22 | BIOLOGICAL- WATER | Water for Processed Food Industry | Standard Plate Count | IS 5402 |
| 23 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Assorted Foods like Prepared Foods, Proprietary Foods, Nutritional Supplements etc. | Total Protein | FSSAI, Manual of Methods Of Analysis of Foods |
| 24 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Cereal & Cereal Products Pulses & Flour | Ash insoluble in HCl | FSSAI, Manual of Methods Of Analysis of Foods (Cereal & Cereal Products) (Pg. No. 16) |
| 25 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Cereal & Cereal Products Pulses & Flour | Total Ash | FSSAI, Manual of Methods Of Analysis of Foods (Cereal & Cereal Products) (Pg. No. 14) |
| 26 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Milk & Ghee | Reichert-Meissel Value | FSSAI, Manual of Methods Of Analysis of Foods (Milk & Milk products) (Pg. No. 117) |
| 27 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Milk & Ghee | Total Solids in Milk | FSSAI, Manual of Methods Of Analysis of Foods (Milk & Milk products) (Pg. No. 36) |
| 28 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Oil & Fats | Acid Value | FSSAI, Manual of Methods Of Analysis of Foods (Oil & Fat) (Pg. No. 23) |
| 29 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Oil & Fats | Bellier Test | FSSAI, Manual of Methods Of Analysis of Foods (Oil & Fat) (Pg. No. 35) |
| 30 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Oil & Fats | Iodine Value | FSSAI, Manual of Methods Of Analysis of Foods (Oil & Fat) (Pg. No. 26) |
| 31 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Oil & Fats | Saponification Value | FSSAI, Manual of Methods Of Analysis of Foods (Oil & Fat) (Pg. No. 18) |
| 32 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Spices & Condiments Chillies,Turmeric,Dhania,Cummin (Whole &Powder) etc. | Non-volatile Ether Extract | FSSAI, Manual of Methods Of Analysis of Foods (Spices & Condiments) (Pg. No. 18) |
| 33 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Spices & Condiments Chillies,Turmeric,Dhania,Cummin (Whole &Powder) etc. | Total Ash | FSSAI, Manual of Methods Of Analysis of Foods (Spices & Condiments) (Pg. No. 12) |

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| 34 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Spices & Condiments Chillies,Turmeric,Dhania,Cummin, (Whole &Powder) etc. | Volatile Oil | FSSAI, Manual of Methods Of Analysis of Foods (Spices & Condiments) (Pg. No. 19) |
| 35 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Spices & Condiments Chillies,Turmeric,Dhania,Cummin,(Whole &Powder) etc. | Ash insoluble in HCl | FSSAI, Manual of Methods Of Analysis of Foods (Spices & Condiments) (Pg. No. 14) |
| 36 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Spices & Condiments Chillies, Turmeric, Dhania, Cumin (Whole & Powder) | Moisture | FSSAI, Manual of Methods Of Analysis of Foods (Spices & Condiments) (Pg. No. 2) |
| 37 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Tea Powder | Alkalinity | Lab Manual-4; FSSAI Manual of Methods of Analysis of Foods |
| 38 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Tea powder | Total Ash | Lab Manual-4; FSSAI Manual of Methods of Analysis of Foods |
| 39 | CHEMICAL- WATER | Drinking Water | Alkalinity | IS 3025 (part-23) |
| 40 | CHEMICAL- WATER | Drinking Water | Chloride | APHA 23rd Edition (4500-Cl-.B) |
| 41 | CHEMICAL- WATER | Drinking Water | Fluoride | APHA 23rd Edition 4500-F D |
| 42 | CHEMICAL- WATER | Drinking Water | Nitrate | APHA 23rd Edition (4500-NO3-.B) |
| 43 | CHEMICAL- WATER | Drinking Water | pH | APHA 23rd Edition: (4500-H+: B) Electrometric Method. |
| 44 | CHEMICAL- WATER | Drinking Water | Total Hardness | APHA 23rd Edition (2340 C) |
| 45 | CHEMICAL- WATER | Packaged Drinking Water | Alkalinity | IS 3025 Part-23 |
| 46 | CHEMICAL- WATER | Packaged Drinking Water | Chloride | APHA 23rd Edition (4500-Cl-.B) |
| 47 | CHEMICAL- WATER | Packaged Drinking Water | Fluoride | APHA 23rd Edition (4500-F-.D) |
| 48 | CHEMICAL- WATER | Packaged Drinking Water | Nitrate | APHA 23rd Edition (4500-NO3.B) |
| 49 | CHEMICAL- WATER | Packaged Drinking Water | pH | APHA 23rd Edition: (4500-H+: B) Electrometric Method. |
| 50 | CHEMICAL- WATER | Packaged Drinking Water | Total Hardness | APHA 23rd Edition (2340C) |
| 51 | CHEMICAL- WATER | Packaged Natural Mineral Water | Alkalinity | IS 3025 (Part-23) |
| 52 | CHEMICAL- WATER | Packaged Natural Mineral Water | Chloride | APHA 23rd Edition (4500-Cl-.B) |
| 53 | CHEMICAL- WATER | Packaged Natural Mineral Water | Fluoride | APHA 23rd Edition (4500-F-.D) |
| 54 | CHEMICAL- WATER | Packaged Natural Mineral Water | Nitrate | APHA 23td Edition (4500-NO3-.B) |

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|---|---|---|---|---|
| 55 | CHEMICAL- WATER | Packaged Natural Mineral Water | pH | APHA 23rd Edition: (4500-H+: B) Electrometric Method. |
| 56 | CHEMICAL- WATER | Packaged Natural Mineral Water | Total Hardness | APHA 23rd Edition (2340 C) |
| 57 | CHEMICAL- WATER | Potable Water | Alkalinity | IS 3025 (Part-23) |
| 58 | CHEMICAL- WATER | Potable Water | Chloride | APHA 23rd Edition (4500-Cl-.B) |
| 59 | CHEMICAL- WATER | Potable Water | Fluoride | APHA 23rd Edition (4500-F-.D) |
| 60 | CHEMICAL- WATER | Potable Water | Nitrate | APHA 23rd Edition: (4500-NO3-.B) |
| 61 | CHEMICAL- WATER | Potable Water | pH | APHA 23rd Edition: (4500-H+: B) Electrometric Method. |
| 62 | CHEMICAL- WATER | Potable Water | Total Hardness | APHA 23rd Edition (2340-.C) |
| 63 | CHEMICAL- WATER | Surface Water | Chloride | APHA 23rd Edition (4500-Cl-.B) |
| 64 | CHEMICAL- WATER | Surface Water | Fluoride | APHA 23rd Edition (4500-F-.D) |
| 65 | CHEMICAL- WATER | Surface Water | Nitrate | APHA 23rd Edition (4500-NO3-.B) |
| 66 | CHEMICAL- WATER | Surface Water | pH | APHA 23rd Edition: (4500-H+: B) Electrometric Method. |
| 67 | CHEMICAL- WATER | Surface Water | Total Hardness | APHA 23rd Edition (2340.C) |
| 68 | CHEMICAL- WATER | Water for construction purpose | Chloride | APHA 23rd Edition: (4500-Cl) |
| 69 | CHEMICAL- WATER | Water for construction purpose | pH | APHA 23rd Edition: (4500-H+: B) Electrometric Method. |
| 70 | CHEMICAL- WATER | Water for Swimming Pool | Alkalinity | Is 3025 (part-23) |
| 71 | CHEMICAL- WATER | Water for Swimming Pool | Chloride | APHA 23rd Edition (4500-Cl-.B) |
| 72 | CHEMICAL- WATER | Water for Swimming Pool | pH | APHA 23rd Edition (4500-H+.B) |

NOTE- The Laboratory has demonstrated competence for the stated scope for WATER. This however does not fully cover the specification requirements of BIS for the Packaged Drinking Water as per IS 14543 and the Packaged Natural Mineral Water IS 13428.