# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :** FEMO LABS PRIVATE LIMITED, 19/12 BANSALI CHEMICAL AVENUE, SIDCO AMBATTUR INDUSTRIAL ESTATE NORTH PHASE, CHENNAI, THIRUVALLUR, TAMIL NADU, INDIA

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

**Certificate Number** TC-8645 **Page No** 1 of 19

**Validity** 18/01/2023 to 17/01/2025 **Last Amended on** -

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|---|---|---|---|---|
| Permanent Facility | | | | |
| 1 | BIOLOGICAL-ENVIRONMENT AND POLLUTION | Air | Coliform count (Settle plate method) | Compendium of Methods for the Microbiological Examination of Foods APHA 5th edn chapter 3 |
| 2 | BIOLOGICAL-ENVIRONMENT AND POLLUTION | Air | Total Bacterial count (Settle plate method) | Compendium of Methods for the Microbiological Examination of Foods APHA 5th edn chapter 3 |
| 3 | BIOLOGICAL-ENVIRONMENT AND POLLUTION | Air | Yeast and mould count (Settle plate method) | Compendium of Methods for the Microbiological Examination of Foods,APHA 5th edn chapter 3 |
| 4 | BIOLOGICAL-ENVIRONMENT AND POLLUTION | Surface (Swab test) | Coliforms | Compendium of Methods for the Microbiological Examination of Foods,APHA 5th edn chapter 3 & SOP M-051 |
| 5 | BIOLOGICAL-ENVIRONMENT AND POLLUTION | Surface (Swab test) | Total plate count | Compendium of Methods for the Microbiological Examination of Foods,APHA 5th edn chapter 3 & M-051 |
| 6 | BIOLOGICAL-ENVIRONMENT AND POLLUTION | Surface (Swab test) | Yeast and Moulds | Compendium of Methods for the Microbiological Examination of Foods,5th edn Chapter -3 and SOP M-051 |
| 7 | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Biscuits | Coliform count | IS 5401 (Part 1) |
| 8 | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Biscuits | Coliform count | USFDA BAM 8th edition chapter 4 |
| 9 | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Biscuits | Faecal streptococci / Enterococci (Enumeration) | IS 5887 (Part 2) |
| 10 | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Biscuits | Staphylococcus aureus (Enumeration) | IS 5887 (Part 2) |
| 11 | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Biscuits | Staphylococcus aureus - Isolation method | IS 5887 (Part 2) |

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|---|---|---|---|---|
| 12 | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Biscuits | Total plate count | IS 5402 |
| 13 | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Biscuits | Total plate count | USFDA BAM 8th edition chapter 3 |
| 14 | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Biscuits | Yeast and mould count | IS 5403 |
| 15 | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Biscuits | Yeast and mould count | USFDA BAM 8th edition chapter 18 |
| 16 | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Carbonated beveages | Yeast and Mould count | IS 5403 |
| 17 | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Carbonated beverages | Coliform count | IS 5401 (Part 1) |
| 18 | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Carbonated beverages | Coliform count | USFDA BAM 8th edn chapter 4 |
| 19 | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Carbonated beverages | Faecal Streptococci / Enterococci (Enumeration) | IS 5887 (Part 2) |
| 20 | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Carbonated Beverages | Staphylococcus aureus (Enumeration) | IS 5887 (Part 2) |
| 21 | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Carbonated Beverages | Staphylococcus aureus - Isolation Method | IS 5887 (Part 2) |
| 22 | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Carbonated beverages | Total plate count | IS 5402 |
| 23 | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Carbonated beverages | Total plate count | USFDA BAM 8th edn chapter 3 |
| 24 | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Carbonated beverages | Yeast and Mould count | USFDA (BAM) 8th Edition - Chapter 18 |
| 25 | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Cereals and wheat flour | Coliform (MPN) | IS 5401 (Part 2) |

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| 26 | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Cereals and wheat flour | Coliforms (Enumeration) | IS 5401 (Part 1) |
| 27 | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Cereals and wheat flour | Coliforms (Enumeration) | USFDA BAM 8th edn chapter 4 |
| 28 | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Cereals and Wheat flour | Coliforms (MPN) | USFDA (BAM) 8th edn chapter 4 |
| 29 | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Cereals and wheat flour | Faecal Streptococci/Enterococci (Enumeration) | IS 5887 (Part 2) |
| 30 | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Cereals and wheat flour | Staphylococcus aureus (Enumeration) | IS 5887 (Part 2) |
| 31 | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Cereals and wheat flour | Staphylococcus aureus (Isolation) | IS 5887 (Part 2) |
| 32 | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Cereals and wheat flour | Total Bacterial count | IS 5402 |
| 33 | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Cereals and wheat flour | Total bacterial count | USFDA BAM 8th edn Chapter 3 |
| 34 | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Cereals and wheat flour | Yeast and Mould count | IS 5403 |
| 35 | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Cereals and wheat flour | Yeast and Mould count | USFDA BAM 8th edn chapter 18 |
| 36 | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Ice cream | Coliform count | IS 5401(Part 1) |
| 37 | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Ice cream | Coliform count | USFDA (BAM) 8th edn chapter 4 |
| 38 | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Ice cream | Faecal streptococci / Enterococci (Enumeration) | IS 5887 (Part 2) |
| 39 | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Ice cream | Standard plate count | IS 5402 |

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| 40 | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Ice cream | Standard plate count | USFDA (BAM) 8th edn chapter 3 |
| 41 | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Ice cream | Staphylococcus aureus (Isolation) | IS 5887 (Part 2) |
| 42 | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Ice cream | Staphylococcus aureus (Enumeration) | IS 5887 (Part 2) |
| 43 | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Milk | Coliform bacteria | IS 5401 (Part 1) |
| 44 | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Milk | Coliform bacteria | USFDA (BAM) 8th edn chapter 4 |
| 45 | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Milk | Faecal streptococci /Enterococci (Enumeration) | IS 5887 (Part 2) |
| 46 | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Milk | Staphylococcus aureus (Isolation) | IS 5887 (Part 2) |
| 47 | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Milk | Staphylococcus aureus (Enumeration) | IS 5887(Part 2) |
| 48 | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Milk | Total plate count | IS 1479(Part 3) |
| 49 | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Milk | Total plate count | USFDA (BAM) 8 th edn chapter 3 |
| 50 | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Milk | Yeast and Mould Count | IS 5403 |
| 51 | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Milk | Yeast and Mould Count | USFDA (BAM) 8th Edn - Chapter 18 |
| 52 | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Milk powder | Coliform count | IS 5401 (Part 1) |
| 53 | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Milk powder | Coliform count | USFDA (BAM) 8th edn chapter 4 |

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| 54 | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Milk powder | Faecal streptococci /Enterococci (Enumeration) | IS 5887 (Part 2) |
| 55 | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Milk powder | Staphylococcus aureus (Enumeration) | IS 5887 (Part 2) |
| 56 | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Milk powder | Staphylococcus aureus (Isolation) | IS 5887 (Part 2) |
| 57 | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Milk powder | Total bacterial count | IS 5402 |
| 58 | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Milk powder | Total bacterial count | USFDA (BAM) 8th edn chapter 3 |
| 59 | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Milk powder | Yeast and mould count | USFDA (BAM) 8th edn chapter 18 |
| 60 | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Ready to eat extruded snacks | Faecal streptococci / Enterococci (Enumeration) | IS 5887 (Part 2) |
| 61 | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Ready to eat extruded snacks | Staphylococcus aureus (Enumeration) | IS 5887 (Part 2) |
| 62 | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Ready to eat extruded snacks | Staphylococcus aureus (Isolation) | IS 5887 (Part 2) |
| 63 | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Ready to eat extruded snacks & food | Coliform count | IS 5401 (Part 1) |
| 64 | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Ready to eat extruded snacks & food | Coliform count | USFDA BAM 8th edition chapter 4 |
| 65 | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Ready to eat extruded snacks & food | Total bacterial count | IS 5402 |
| 66 | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Ready to eat extruded snacks & food | Yeast and Mould count | IS 5403 |
| 67 | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Ready to eat extruded snacks & food | Yeast and mould count | USFDA BAM 8th edition chapter 18 |

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| 68 | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Ready to eat extruded snacks and food | Total bacterial count | USFDA BAM 8th edn chapter 3 |
| 69 | BIOLOGICAL- RESISTANCE TO MICROBIAL ATTACK | Textiles and Leather | Antifungal activity | AATCC 30- Test Method III |
| 70 | BIOLOGICAL- WATER | Drinking water, Potable water, Raw water, Well water, Bore well water, RO water & DM water | Coliforms | IS 15185 |
| 71 | BIOLOGICAL- WATER | Drinking water, Potable water, Raw water, Well water, Bore well water, RO water & DM water | Escherichia coli | IS 15185 |
| 72 | BIOLOGICAL- WATER | Drinking water, Potable water, Raw water, Well water, Bore well water, RO water & DM water | Standard plate count | IS 1622 |
| 73 | BIOLOGICAL- WATER | Drinking water, Potable water, Raw water, Well water, Bore well water, RO water & DM water | Total and Faecal Coliforms (MPN) | IS 1622 |
| 74 | BIOLOGICAL- WATER | Drinking water,potable water,Raw water,well water,Bore well water,RO water,DM water | Faecal streptococci | IS 1622 |
| 75 | BIOLOGICAL- WATER | Packaged drinking water, Packaged Natural Mineral water | Escherichia coli (Thermotolerant bacteria) | IS 15185 |
| 76 | BIOLOGICAL- WATER | Packaged drinking water, Packaged Natural Mineral water | Coliforms | IS 15185 |
| 77 | BIOLOGICAL- WATER | Packaged drinking water, Packaged Natural Mineral water | Faecal Streptococci/Enterococci | IS 15186 |
| 78 | BIOLOGICAL- WATER | Packaged drinking water, Packaged Natural Mineral water | Total viable colony count @ 22° C for 72 hrs | IS 5402 |
| 79 | BIOLOGICAL- WATER | Packaged drinking water, Packaged Natural Mineral water | Total viable colony count @ 37° C for 24hrs | IS 5402 |
| 80 | BIOLOGICAL- WATER | Packaged Drinking Water, Packaged Natural Mineral Water | Yeast and moulds | IS 5403 |
| 81 | BIOLOGICAL- WATER | Packaged drinking water,packaged Natural mineral water | Staphylococcus aureus | IS 5887 (Part 2) |
| 82 | BIOLOGICAL- WATER | Swimming pool water | Coliform bacteria (MPN) | IS 1622 |
| 83 | BIOLOGICAL- WATER | Swimming pool water | Standard plate count | Annex A of IS 3328 |
| 84 | BIOLOGICAL- WATER | Water for Processed Food Industry | Coliforms | IS 1622 |
| 85 | BIOLOGICAL- WATER | Water for Processed Food Industry | Proteolytic and lipolytic organisms | IS 4251 |
| 86 | BIOLOGICAL- WATER | Water for Processed Food Industry | Standard plate count | IS 1622 |
| 87 | CHEMICAL- ATMOSPHERIC POLLUTION | Ambient Air | Lead | IS 5182 Part 22 |
| 88 | CHEMICAL- ATMOSPHERIC POLLUTION | Ambient air | Oxides of Nitrogen as NO2 | IS 5182 Part 6 |

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| 89 | CHEMICAL- ATMOSPHERIC POLLUTION | Ambient air | Ozone | IS 5182 Part 9 |
| 90 | CHEMICAL- ATMOSPHERIC POLLUTION | Ambient Air | Respirable Suspended Particulate matter(PM 10) | IS 5182 Part 23 |
| 91 | CHEMICAL- ATMOSPHERIC POLLUTION | Ambient air | Sulphur Dioxide as SO2 | IS 5182 Part 2 |
| 92 | CHEMICAL- ATMOSPHERIC POLLUTION | ILLumination measurement | Ilumination | IS 3646 Part 1 |
| 93 | CHEMICAL- ATMOSPHERIC POLLUTION | Noise level Measurements | Ambient Noise | IS 9989 |
| 94 | CHEMICAL- ATMOSPHERIC POLLUTION | Stack Emission | Particulate Matter | IS 11255 Part 1 |
| 95 | CHEMICAL- ATMOSPHERIC POLLUTION | Stack Emission | Stack presure | IS 11255 Part 3 |
| 96 | CHEMICAL- ATMOSPHERIC POLLUTION | Stack emission | Stack Temperature | IS 11255 Part 3 |
| 97 | CHEMICAL- ATMOSPHERIC POLLUTION | Stack Emission | Sulphur Dioxide | IS 11255 Part 2 |
| 98 | CHEMICAL- ATMOSPHERIC POLLUTION | Stack Emission | Velocity | IS 11255 Part 3 |
| 99 | CHEMICAL- ATMOSPHERIC POLLUTION | Stack emission | Volume of gas discharge | IS 11255 Part 3 |
| 100 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Cereals, Pulses & Cereal Products | Moisture | IS 4333 Part II |
| 101 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Cereals, Pulses & Cereal Products | Alcoholic acidity | FSSAI Manual Cereals and Cereal Products |
| 102 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Cereals, Pulses & Cereal Products | Acid Insoluble ash | FSSAI Manual Cereals and Cereal Products |
| 103 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Cereals, Pulses & Cereal Products | Carbohydrate | IS 1656 |
| 104 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Cereals, Pulses & Cereal Products | Damaged Grains | FSSAI Manual Cereals and Cereal Products |
| 105 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Cereals, Pulses & Cereal Products | Moisture | FSSAI Manual Cereals and Cereal Products |

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|---|---|---|---|---|
| 106 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Cereals, Pulses & Cereal Products | Presence of Mould | FSSAI Manual Cereals and Cereal Products |
| 107 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Cereals, Pulses & Cereal Products | Protein | FSSAI Manual Cereals and Cereal Products |
| 108 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Cereals, Pulses & Cereal Products | Protein | IS 7219 |
| 109 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Cereals, Pulses & Cereal Products | Total Ash | FSSAI Manual Cereals and Cereal Products |
| 110 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Cereals,Pulses & cereals Products | Fat | IS 12711 |
| 111 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Oil & Fats | Test for Castor oil | IS 548 (Part II) |
| 112 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Oil & Fats | Test for mineral oil | IS 548 (Part -II) Method 12.1 |
| 113 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Oil & Fats | Test for Castor oil | FSSAI Manual Oil & Fats |
| 114 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Oil & Fats | Acid Value | FSSAI manual -Oil &Fat |
| 115 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Oil & Fats | Moisture | IS 548 (Part -1) Method 5 |
| 116 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Oil & Fats | Saponification value | IS 548 (Part -1) Method 15 |
| 117 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Oil & Fats | Specific gravity at 30, C | FSSAI Manual Oil & Fats |
| 118 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Oil & Fats | Specific gravity at 30°C | IS 548 (Part -1) |
| 119 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Oil & Fats | Test for mineral oil | FSSAI manual Oil & Fats |

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| 120 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Oil & Fats | Unsaponificable matter | IS 548 (Part -1) Method 8 |
| 121 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Oil &Fats | Peroxide Value | FSSAI manual Oil & Fats |
| 122 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Oil &Fats | Saponification value | FSSAI manual -Oil & Fats |
| 123 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Oil &Fats | Unsaponifiable matter | FSSAI Manual Oil & Fats |
| 124 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | OIl and fats | Moisture | FSSAI Manual Oil & Fats |
| 125 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | OIl& Fats | Acid Value | IS 548 (Part -1) |
| 126 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Oil&Fats | Peroxide value | IS 548 (Part -1) Method 21 |
| 127 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Processed food and Ready to eat food | Acid Insoluble Ash | IS 1155 |
| 128 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Processed food and ready to eat food | Acid Insoluble ash | IS 12711 |
| 129 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Processed food and Ready to eat food | Carbohydrate | IS 1656 |
| 130 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Processed food and Ready to eat food | Fat | IS 12711 |
| 131 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Processed food and Ready to eat food | Moisture | IS 12711 |
| 132 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Processed food and ready to eat food | Protein | IS 7219 |
| 133 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Processed food and ready to eat food | Total Ash | IS 1155 |

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| 134 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Spices and Condiments | Total Ash | FSSAI Manual spices & condiments |
| 135 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Spices & Condiments | Moisture | IS 1797 |
| 136 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Spices and Cindiments | Damaged, discoloured and weivelled fruits | IS 2443 |
| 137 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Spices and condiments | Acid insoluble ash (on dry basis) | IS 1797 Method 8 |
| 138 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Spices and Condiments | Acid Insoluble ash(on dry basis) | FSSAI manual spices & condiments |
| 139 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Spices and Condiments | Curcumin Content (on dry basis) | FSSAI Manual spices & condiments |
| 140 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Spices and Condiments | Curcumin Content (on dry basis) | IS 10925 |
| 141 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Spices and Condiments | Extraneous matter | FSSAI Manual spices & condiments |
| 142 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Spices and Condiments | Extraneous matter | IS 1797 Method 4 |
| 143 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Spices and Condiments | Moisture | FSSAI Manual spices & condiments |
| 144 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Spices and Condiments | Total Ash | IS 1797 Method 6 |
| 145 | CHEMICAL- POLLUTION & ENVIRONMENT | Soil & Sludges | Available Nitrogen | IS 14684 |
| 146 | CHEMICAL- POLLUTION & ENVIRONMENT | Soil & Sludges | Cation exchangeable capacity | IS 2720(part -24) |
| 147 | CHEMICAL- POLLUTION & ENVIRONMENT | Soil & Sludges | Chloride | IS 6925 |
| 148 | CHEMICAL- POLLUTION & ENVIRONMENT | Soil & Sludges | Conductivity at 25°C | IS 14767 |

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|---|---|---|---|---|
| 149 | CHEMICAL- POLLUTION & ENVIRONMENT | Soil & sludges | Exchangeable sodium | FEMO/Soil/S-008: |
| 150 | CHEMICAL- POLLUTION & ENVIRONMENT | Soil & Sludges | Moisture | IS 2720 Part 2 |
| 151 | CHEMICAL- POLLUTION & ENVIRONMENT | Soil & Sludges | Total soluble sulphate | IS 2720 Part 27 |
| 152 | CHEMICAL- POLLUTION & ENVIRONMENT | Soil &Sludges | p H at 25° C | IS 2720 (Part 26) |
| 153 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water | Ammonia | APHA 23rd Edn 4500B C,NH3,B |
| 154 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water | Ammonia | IS 3025 Part 34 |
| 155 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water | Ammonical Nitrogen NH3-N | IS 3025 Part 34 |
| 156 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water | Bio chemical oxygen demand | IS 3025 Part 44 |
| 157 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water | Boron | APHA 23rd Edn 4500BB |
| 158 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water | Calcium | APHA 23rd Edn 3500 , Ca , B |
| 159 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water | Calcium as Ca | IS 3025 Part 40 |
| 160 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water | Calcium hardness | APHA 23rd edn 3500 ca B |
| 161 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water | Chemical oxygen demand | APHA 23rd Edn 5220 B |
| 162 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water | chemical oxygen demand | IS 3025 Part 58 |
| 163 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water | Chloride | APHA 23rd Edn 4500 B |
| 164 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water | Chloride | IS 3025 Part 32 |
| 165 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water | Colour | APHA 23rd Edn 2120 B |
| 166 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water | Colour | IS 3025 Part 4:(Chloroplatinate method) |
| 167 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water | Copper | APHA 23rd Edn 3500 B |

# SCOPE OF ACCREDITATION

**Laboratory Name :** FEMO LABS PRIVATE LIMITED, 19/12 BANSALI CHEMICAL AVENUE, SIDCO AMBATTUR INDUSTRIAL ESTATE NORTH PHASE, CHENNAI, THIRUVALLUR, TAMIL NADU, INDIA

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|---|---|---|---|---|
| 168 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water | Copper | IS 3025 Part 42: (AAS METHOD) |
| 169 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water | Dissolved Iron | APHA 23rd Edn 3500 Fe |
| 170 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water | Dissolved oxygen | APHA 23rd Edn 4500 O C |
| 171 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water | Dissolved oxygen | IS 3025 Part 38 |
| 172 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water | Dissolved Phosphorous | APHA 23rd Edn 4500 part D |
| 173 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water | Electrical conductivity | APHA 23rd Edn 2510 B |
| 174 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water | Electrical conductivity | IS 3025 Part 14 |
| 175 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water | Fixed solids | APHA 23 rd Edn 2540E |
| 176 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water | Fixed solids | IS 3025 Part 18 |
| 177 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water | Fluoride | APHA 23 rd Edn 4500 F D spadns method |
| 178 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water | Hexavalent chromium Cr+6 | APHA 23rd Edition 3500 Cr B |
| 179 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water | Hexavalent chromium Cr+6 | IS 3025 Part 52 AAS method |
| 180 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water | Lead | APHA 23rd Edn 3500 Pb B |
| 181 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water | Lead | IS 3025 Part 47:(AAS METHOD) |
| 182 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water | Magnesium as Mg | APHA 23rd Edn3500 Mg B |
| 183 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water | Magnesium as Mg | IS 3025 Part 46 |
| 184 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water | Magnesium Hardness | APHA 23rd Edn 3500 Mg B |
| 185 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water | Manganese as Mn | APHA 23rd Edn 3500 B |
| 186 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water | Manganese as Mn | IS 3025 Part 59 AAS METHOD |

# SCOPE OF ACCREDITATION

**Laboratory Name :** FEMO LABS PRIVATE LIMITED, 19/12 BANSALI CHEMICAL AVENUE, SIDCO AMBATTUR INDUSTRIAL ESTATE NORTH PHASE, CHENNAI, THIRUVALLUR, TAMIL NADU, INDIA

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|---|---|---|---|---|
| 187 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water | Mixed liquid suspended soilds | APHA 23rd Edn 2540Part D |
| 188 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water | Nickel | APHA 23rd Edn 3500 Ni |
| 189 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water | Odour | APHA 23rd Edn 2150 B |
| 190 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water | Odour | IS 3025 Part 5 |
| 191 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water | Oil &grease | APHA 23rd Edn 5520 |
| 192 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water | Oil and grease | IS 3025 Part 39 |
| 193 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water | p H Value | APHA 23rd Edn 4500 H+ |
| 194 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water | p H Value | IS 3025 Part 11 |
| 195 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water | Potassium | APHA 23rd Edn 3500K B |
| 196 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water | Potassium | IS 3025 Part 45 |
| 197 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water | Sodium as Na | APHA 23rd Edn 3500 NaB |
| 198 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water | Sodium as Na | IS 3025 Part 45 |
| 199 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water | Sulfide as S2 | IS 3025 Part 29 |
| 200 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water | Sulfide as S2 | APHA 23rd Edn 4500 S2- F |
| 201 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water | Sulphate as SO4 | APHA 23rd Edn4500E |
| 202 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water | Sulphates | IS 3025 Part 24 Turbidity method |
| 203 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water | Temperature | APHA 23rd Edn 2550 B |
| 204 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water | Temperature | IS 3025 Part 9 |
| 205 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water | Total Alkalinity as CaCO3 | IS 3025 Part 23 |

# SCOPE OF ACCREDITATION

**Laboratory Name :** FEMO LABS PRIVATE LIMITED, 19/12 BANSALI CHEMICAL AVENUE, SIDCO AMBATTUR INDUSTRIAL ESTATE NORTH PHASE, CHENNAI, THIRUVALLUR, TAMIL NADU, INDIA

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|---|---|---|---|---|
| 206 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water | Total Alkalinity | APHA 23 rd Edn 2320B |
| 207 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water | Total dissolved solids | APHA 23rd Edn 2540C |
| 208 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water | Total Dissolved solids | IS 3025 Part 16 |
| 209 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water | Total Hardness | APHA 23rd Edn 2340C |
| 210 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water | Total Iron as Fe | APHA 23rd Edn 3500 FeB |
| 211 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water | Total Iron as Fe | IS 3025 Part 53 |
| 212 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water | Total Nitrogen as N | IS 3025 Part 34 |
| 213 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water | Total phosphorous | IS 3025 Part 31 |
| 214 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water | Total Phosphorous as P | APHA 23rd Edn 4500 Part D |
| 215 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water | Total Solids | APHA 23 rd Edn2540B |
| 216 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water | Total suspended solids | APHA 23rd Edn2540 D |
| 217 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water | Total Suspended solids | IS 3025 Part 17 |
| 218 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water | Turbidity | APHA 23rd Edn 2130B |
| 219 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water | Turbidity | IS 3025 Part 10 |
| 220 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water | Volatile solids | APHA 23 rd Edn 2540 E |
| 221 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water | Volatile solids | IS 3025 Part 18 |
| 222 | CHEMICAL- RESIDUES IN WATER | Drinking water, Surface water, Ground water, Bore water | Copper | APHA 23 rd Edn 3111 B Cu |
| 223 | CHEMICAL- RESIDUES IN WATER | Drinking water, Surface water, Ground water, Bore water | Copper as Cu | IS 3025 (Part -42)AAS Method RA-2019 |
| 224 | CHEMICAL- RESIDUES IN WATER | Drinking water, Surface water, Ground water, Bore water | Lead | APHA 23rd Edn 3111 Pb B |

# SCOPE OF ACCREDITATION

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|---|---|---|---|---|
| 225 | CHEMICAL- RESIDUES IN WATER | Drinking water, Surface water, Ground water, Bore water | Lead | APHA 23rd Edn 3111B pb |
| 226 | CHEMICAL- RESIDUES IN WATER | Drinking water, Surface water, Ground water, Bore water | Nickel | APHA 23rd Edn 3111B Ni |
| 227 | CHEMICAL- RESIDUES IN WATER | Drinking water, Surface water, Ground water, Bore water | Zinc | APHA 23rd Edn 3111 B Zn |
| 228 | CHEMICAL- RESIDUES IN WATER | Drinking water, Surface water, Ground water, Bore water | Lead | IS 3025 (Part 47) AAS |
| 229 | CHEMICAL- RESIDUES IN WATER | Drinking water, Surface water, Ground water, Bore water | Lead as Pb | IS 3025 (Part 47) AAS method |
| 230 | CHEMICAL- RESIDUES IN WATER | Drinking water, Surface water, Ground water, Bore water | Nickel | IS 3025 (Part 54) AAS method |
| 231 | CHEMICAL- RESIDUES IN WATER | Drinking water, Surface water, Ground water, Bore water | Nickel as Ni | IS 3025 (Part 54) AAS method |
| 232 | CHEMICAL- RESIDUES IN WATER | Drinking water, Surface water, Ground water, Bore water | Zinc | IS 3025( Part 49) AAS method |
| 233 | CHEMICAL- RESIDUES IN WATER | Drinking water, Surface water, Ground water, Bore water | Zinc as Zn | IS 3025 (Part-49) AAS Method |
| 234 | CHEMICAL- WATER | Swimming pool water | Oxygen observed in 4hrs | IS 3025 Part 63 |
| 235 | CHEMICAL- WATER | Swimming pool water | Total dissolved solids | IS 3025 Part 16 |
| 236 | CHEMICAL- WATER | Construction Water | To neutralize 100 ml of Sample water using Phenolphthalein as an Indicator using 0.02N NaOH | IS 3025 Part |
| 237 | CHEMICAL- WATER | Construction Water | b)To neutralize 100ml of sample water using Mixed indicator using 0.02N H2SO4 | APHA 23rd Edition 2320 B, |
| 238 | CHEMICAL- WATER | Construction Water | b)To neutralize 100ml of sample water using Mixed indicator using 0.02N H2SO4 | IS:3025 (Part 23) |
| 239 | CHEMICAL- WATER | Construction Water | Chloride as Cl- | APHA 23 rd edn 4500 cl B |
| 240 | CHEMICAL- WATER | Construction Water | Chloride as Cl- | IS 3025 Part 32 |
| 241 | CHEMICAL- WATER | Construction Water | Chloride as Cl- | IS 3025 Part 32 |
| 242 | CHEMICAL- WATER | Construction Water | Inorganic Solids | APHA 23rd Edition 2540 E |
| 243 | CHEMICAL- WATER | Construction Water | Organic Solids | APHA 23rd Edition 2540 E |
| 244 | CHEMICAL- WATER | Construction water | p H @25°C | IS 3025 Part 11 |
| 245 | CHEMICAL- WATER | Construction Water | pH value | APHA 23 rd Edn 4500 H+ |

# SCOPE OF ACCREDITATION

**Laboratory Name :** FEMO LABS PRIVATE LIMITED, 19/12 BANSALI CHEMICAL AVENUE, SIDCO AMBATTUR INDUSTRIAL ESTATE NORTH PHASE, CHENNAI, THIRUVALLUR, TAMIL NADU, INDIA

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|---|---|---|---|---|
| 246 | CHEMICAL- WATER | Construction Water | Sulphate as SO4 | IS 3025 Part 24 |
| 247 | CHEMICAL- WATER | Construction Water | Suspended Matter | IS 3025 Part 17 |
| 248 | CHEMICAL- WATER | construction water | Water Neutralization a)To neutralize 100ml of sample water using Phenolphthalein as an indicator using 0.02 N NaOH | APHA 23rd Edn 2320B |
| 249 | CHEMICAL- WATER | Drinking water, Surface water Bore water, Ground water | Calcium as Ca | APHA 23 rd Edn 3500 Ca-B |
| 250 | CHEMICAL- WATER | Drinking water, Surface water Bore water, Ground water | Calcium Hardness | APHA 23rd Edn -3500Ca B |
| 251 | CHEMICAL- WATER | Drinking water, Surface water Bore water, Ground water | Chemical Oxygen Demand | APHA 23rd Edn5220B |
| 252 | CHEMICAL- WATER | Drinking water, Surface water Bore water, Ground water | Electrical Conductivity | APHA 23rd Edn 2510 B |
| 253 | CHEMICAL- WATER | Drinking water, Surface water Bore water, Ground water | Electrical Conductivity | IS 3025 (PART 14) |
| 254 | CHEMICAL- WATER | Drinking water, Surface water Bore water, Ground water | Fixed solids | APHA 23rd Edn 2540 E |
| 255 | CHEMICAL- WATER | Drinking water, Surface water Bore water, Ground water | Free Residual Chlorine | APHA 23rd Edn 4500 Cl B |
| 256 | CHEMICAL- WATER | Drinking water, Surface water Bore water, Ground water | Magnesium | APHA 23rd Edn 3500 Mg B |
| 257 | CHEMICAL- WATER | Drinking water, Surface water Bore water, Ground water | Magnesium Hardness | APHA 22nd Edn -3500 Mg B |
| 258 | CHEMICAL- WATER | Drinking water, Surface water Bore water, Ground water | Nitrite | APHA 23rd Edn 4500 NO2 B |
| 259 | CHEMICAL- WATER | Drinking water, Surface water Bore water, Ground water | Odour | APHA 23rd Edn 2150B |
| 260 | CHEMICAL- WATER | Drinking water, Surface water Bore water, Ground water | Odour | IS 3025 (Part 5) |
| 261 | CHEMICAL- WATER | Drinking water, Surface water Bore water, Ground water | Organic solids | APHA 23rrd Edn 2540 E |
| 262 | CHEMICAL- WATER | Drinking water, Surface water Bore water, Ground water | P-Alkalinity | APHA 23rd Edn 2320 B |
| 263 | CHEMICAL- WATER | Drinking water, Surface water Bore water, Ground water | pH | APHA 23rd Edn 4500 H+ B |
| 264 | CHEMICAL- WATER | Drinking water, Surface water Bore water, Ground water | pH | IS 3025 (PART 11) |
| 265 | CHEMICAL- WATER | Drinking water, Surface water Bore water, Ground water | Potassium | APHA 23rd Edn 3500 K B |
| 266 | CHEMICAL- WATER | Drinking water, Surface water Bore water, Ground water | Sodium | APHA 23 rd Edn 3500 Na B |
| 267 | CHEMICAL- WATER | Drinking water, Surface water Bore water, Ground water | Temperature | APHA 23rd Edn 2550B |
| 268 | CHEMICAL- WATER | Drinking water, Surface water Bore water, Ground water | Temperature | IS 3025 (Part 9) |
| 269 | CHEMICAL- WATER | Drinking water, Surface water Bore water, Ground water | Total Dissolved Solids | APHA 23rd Edn 2540C |
| 270 | CHEMICAL- WATER | Drinking water, Surface water Bore water, Ground water | Total Hardness | APHA 23rd Edn 2340C |
| 271 | CHEMICAL- WATER | Drinking water, Surface water Bore water, Ground water | Total Hardness | IS 3025 (PART21) EDTA Method, |
| 272 | CHEMICAL- WATER | Drinking water, Surface water Bore water, Ground water | Total Iron | APHA 23rd Edn 3500 Fe B |
| 273 | CHEMICAL- WATER | Drinking water, Surface water Bore water, Ground water | Total Iron | APHA 23rd Edn 3500 Fe B |

# SCOPE OF ACCREDITATION

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|---|---|---|---|---|
| 274 | CHEMICAL- WATER | Drinking water, Surface water Bore water, Ground water | Total Iron | IS 3025( Part 53) Phenanthroline method |
| 275 | CHEMICAL- WATER | Drinking water, Surface water Bore water, Ground water | Total phosphorous | APHA 23rd Edn 4500 P C |
| 276 | CHEMICAL- WATER | Drinking water, Surface water Bore water, Ground water | Total Solids | APHA 23rd Edn 2540 B |
| 277 | CHEMICAL- WATER | Drinking water, Surface water Bore water, Ground water | Total Solids | IS 3025 (Part 15) |
| 278 | CHEMICAL- WATER | Drinking water, Surface water Bore water, Ground water | Total suspended solids | APHA 23rd Edn 2540 D |
| 279 | CHEMICAL- WATER | Drinking water, Surface water Bore water, Ground water | Total Suspended Solids | IS 3025 (PART 17) |
| 280 | CHEMICAL- WATER | Drinking water, Surface water Bore water, Ground water | Turbidity | APHA 23rd Edn 2130 B |
| 281 | CHEMICAL- WATER | Drinking water, Surface water Bore water, Ground water | Turbidity | IS 3025 (Part10) |
| 282 | CHEMICAL- WATER | Drinking Water, Surface Water Ground Water, Bore Water | Sulphate as SO4 | APHA 23 rd edn 4500 So4 E |
| 283 | CHEMICAL- WATER | Drinking water, Surface water Bore water, Ground water | Colour | APHA 23rd Edn 2120 B |
| 284 | CHEMICAL- WATER | Drinking water, Surface water Bore water, Ground water | Colour | IS 3025(Part 4) |
| 285 | CHEMICAL- WATER | Drinking water, Surface water, Ground water, Bore water | Acidity | IS 3025 (Part 22) |
| 286 | CHEMICAL- WATER | Drinking water,Surface water,Bore water | Chloride as Cl | APHA 23rd Edn,4500 Cl B |
| 287 | CHEMICAL- WATER | Drinking water/ Surface water/Ground water/Bore water | Ammonical Nitrogen | IS 3025 Part 34 |
| 288 | CHEMICAL- WATER | Drinking water/ surface water/ground water/bore water | Calcium as ca | IS 3025 Part 40 |
| 289 | CHEMICAL- WATER | Drinking water/ Surface water/Ground water/Bore water | Carbonate hardness as CaCO3 | APHA 23rd edition 2340 A |
| 290 | CHEMICAL- WATER | Drinking water/ Surface water/Ground water/Bore water | Chloride | IS 3025 Part 32 |
| 291 | CHEMICAL- WATER | Drinking water/ Surface water/Ground water/Bore water | Dissolved Oxygen | IS 3025 Part 38 Winklers method |
| 292 | CHEMICAL- WATER | Drinking water/ Surface water/Ground water/Bore water | Fluoride | APHA 23rdEdn 4500F D Spadns method |
| 293 | CHEMICAL- WATER | Drinking water/ Surface water/Ground water/Bore water | Free residual chlorine | IS 3025 Part 26 |
| 294 | CHEMICAL- WATER | Drinking water/ surface water/ground water/bore water | Magnesium as Mg | IS 3025 Part 46 |
| 295 | CHEMICAL- WATER | Drinking water/ Surface water/Ground water/Bore water | Nitrate | APHA 23rd Edn 4500 NO3 B |
| 296 | CHEMICAL- WATER | Drinking water/ Surface water/Ground water/Bore water | Nitrite | IS 3025 Part 34 |
| 297 | CHEMICAL- WATER | Drinking water/ Surface water/Ground water/Bore water | P-Alkalinity | IS 3025 Part 23 |
| 298 | CHEMICAL- WATER | Drinking water/ Surface water/Ground water/Bore water | Potassium | IS 3025Part 45 Flame photometer method |
| 299 | CHEMICAL- WATER | Drinking water/ Surface water/Ground water/Bore water | Sodium | IS 3025 Part 45 Flame photometer method |
| 300 | CHEMICAL- WATER | Drinking water/ Surface water/Ground water/Bore water | Sulphate | APHA 23rd Edn -4500 SO4 E |

# SCOPE OF ACCREDITATION

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|---|---|---|---|---|
| 301 | CHEMICAL- WATER | Drinking water/ Surface water/Ground water/Bore water | Total alkalinity | IS 3025 Part 23 |
| 302 | CHEMICAL- WATER | Drinking water/ Surface water/Ground water/Bore water | Total Kjeldahl Nitrogen | IS 3025 Part 34 |
| 303 | CHEMICAL- WATER | Drinking water/ Surface water/Ground water/Bore water | Total Phosphorous | IS 3025 pART 31 Stannous chloride method |
| 304 | CHEMICAL- WATER | Drinking water/ Surface water/Ground water/Bore water | Bio chemical demand at 27C For 3 days | IS 3025 Part 44 |
| 305 | CHEMICAL- WATER | Drinking water/ Surface water/Ground water/Bore water | Boron | APHA 23rd edn 4500 B B |
| 306 | CHEMICAL- WATER | Drinking water/ Surface water/Ground water/Bore water | Chemical Oxygen Demand | IS 3025 Part 58 |
| 307 | CHEMICAL- WATER | Drinking water/ Surface water/ Ground water/ Bore well r | Volatile solids | APHA 23rd edn 2540 E |
| 308 | CHEMICAL- WATER | Drinking water/ Surface water/ Ground water/ Bore well wate | Total Hardness | APHA 23rd edn 2340 |
| 309 | CHEMICAL- WATER | Drinking water/ Surface water/ Ground water/ Bore well water | Total Alkalinity | APHA 23 rd edn 2320B |
| 310 | CHEMICAL- WATER | Drinking water/ Surface water/ Ground water/ Bore well water | Ammoniacal Nitrogen | IS 3025 Part 34 TKN Method |
| 311 | CHEMICAL- WATER | Drinking water/ Surface water/ Ground water/ Bore well water | Dissolved oxygen | APHA 23rd edn 4500 O C |
| 312 | CHEMICAL- WATER | Drinking water/ Surface water/ Ground water/ Bore well water | Fixed Solids | IS 3025 Part 18 |
| 313 | CHEMICAL- WATER | Drinking water/ Surface water/ Ground water/ Bore well water | Nitrite | APHA 23rd edn 4500 NO2 B |
| 314 | CHEMICAL- WATER | Drinking water/ Surface water/ Ground water/ Bore well water | p H at 25°C | APHA 23rd edn 4500H |
| 315 | CHEMICAL- WATER | Drinking water/ Surface water/ Ground water/ Bore well water | Sulfide | APHA 23rd edn 4500 S |
| 316 | CHEMICAL- WATER | Drinking water/ Surface water/ Ground water/ Bore well water | Sulphate | IS 3025 Part 24 Turbidity method |
| 317 | CHEMICAL- WATER | Drinking water/ Surface water/ Ground water/ Bore well water | Temperature | APHA 23rd edn 2550B |
| 318 | CHEMICAL- WATER | Drinking water/ Surface water/ Ground water/ Bore well water | Total dissolve solids | IS 3025 Part 16 |
| 319 | CHEMICAL- WATER | Irrigation water | Boron | APHA 23rd edn 4500B |
| 320 | CHEMICAL- WATER | Irrigation water | Electrical conductivity | APHA 23rd edn2510B |
| 321 | CHEMICAL- WATER | Irrigation water | Residual sodium carbonate | IS 11624 |
| 322 | CHEMICAL- WATER | Irrigation water | Sodium Absorption Ratio | IS 11624 |
| 323 | CHEMICAL- WATER | Swimming pool water | p H @25 ° C | IS 3025 Part 11 |

# SCOPE OF ACCREDITATION

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|---|---|
| **Laboratory Name :** | FEMO LABS PRIVATE LIMITED, 19/12 BANSALI CHEMICAL AVENUE, SIDCO AMBATTUR INDUSTRIAL ESTATE NORTH PHASE, CHENNAI, THIRUVALLUR, TAMIL NADU, INDIA |
| **Accreditation Standard** | ISO/IEC 17025:2017 |
| **Certificate Number** | TC-8645 |
| **Validity** | 18/01/2023 to 17/01/2025 |



**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 |
|---|---|---|---|---|
| 324 | CHEMICAL- WATER | Swimming pool water | Turbidity | IS 3025 Part 10 |
| 325 | CHEMICAL- WATER | Swimming pool water | Colour | IS 3025 Part 4 |
| 326 | CHEMICAL- WATER | Swimming pool water | Chloride | APHA 23rd Edn 4500 cl B |
| 327 | CHEMICAL- WATER | Swimming pool water | Chloride | IS 3025 Part 32 |
| 328 | CHEMICAL- WATER | Swimming pool water | Colour | APHA 23rd Edn 2120B |
| 329 | CHEMICAL- WATER | Swimming pool water | Free residual chlorine | APHA 23rd edn 4500B |
| 330 | CHEMICAL- WATER | Swimming pool water | Free Residual chlorine | IS 3025 Part 26 |
| 331 | CHEMICAL- WATER | Swimming pool water | Odour | APHA 23rd Edn 2150B |
| 332 | CHEMICAL- WATER | Swimming pool water | Odour | IS 3025 Part 5 |
| 333 | CHEMICAL- WATER | Swimming pool water | p H at 25° C | APHA 23rd Edn 4500 H+ B |
| 334 | CHEMICAL- WATER | Swimming pool water | Total alkalinity | APHA 23rd Edn 2320B |
| 335 | CHEMICAL- WATER | Swimming pool water | Total alkalinity | IS 3025 Part 23 |
| 336 | CHEMICAL- WATER | SWimming pool water | Total dissolved solids | APHA 23rd Edn 2540C |
| 337 | CHEMICAL- WATER | Swimming pool water | Turbidity | APHA 23rd Edn 2130B |

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.