



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

ECOBIOCARE SOLUTIONS PRIVATE LIMITED, PLOT NO. 4496, CUTTACK- PURI BYPASS ROAD,
PANDARA, RASULGARH, BHUBANESWAR, KHORDHA, ODISHA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-16883

Page No

1 of 21

Validity

07/10/2025 to 26/02/2029

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 Testing | | | | |
| 1 | CHEMICAL-ATMOSPHERIC POLLUTION | Ambient Air | Ammonia (as NH ₃) | IS 5182 (Part 25) |
| 2 | CHEMICAL-ATMOSPHERIC POLLUTION | Ambient Air | Oxidants (as O ₃) | IS 5182 (Part 9) |
| 3 | CHEMICAL-ATMOSPHERIC POLLUTION | Ambient Air | Oxides of Nitrogen (NO _x) | IS 5182 (Part 6) |
| 4 | CHEMICAL-ATMOSPHERIC POLLUTION | Ambient Air | Particulate Matter (PM ₁₀) | IS 5182 (Part 23) |
| 5 | CHEMICAL-ATMOSPHERIC POLLUTION | Ambient Air | Particulate Matter (PM _{2.5}) | IS 5182 (Part 24) |
| 6 | CHEMICAL-ATMOSPHERIC POLLUTION | Ambient Air | Sulphur Dioxide (as SO ₂) | IS 5182 (Part 2) |
| 7 | CHEMICAL-ATMOSPHERIC POLLUTION | Ambient Noise | Ambient Noise Level (Leq) | IS 9989 |
| 8 | CHEMICAL-ATMOSPHERIC POLLUTION | DG Stack Emission | Carbon Dioxide (as CO ₂) | IS 13270 |
| 9 | CHEMICAL-ATMOSPHERIC POLLUTION | DG Stack Emission | Carbon Monoxide (as CO) | IS 13270 |
| 10 | CHEMICAL-ATMOSPHERIC POLLUTION | DG Stack Emission | Flow Rate | IS 11255 (Part 3) |
| 11 | CHEMICAL-ATMOSPHERIC POLLUTION | DG Stack Emission | Oxides of Nitrogen (NO _x) | IS 11255 (Part 7) |



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

ECOBIOCARE SOLUTIONS PRIVATE LIMITED, PLOT NO. 4496, CUTTACK- PURI BYPASS ROAD,
PANDARA, RASULGARH, BHUBANESWAR, KHORDHA, ODISHA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-16883

Page No

2 of 21

Validity

07/10/2025 to 26/02/2029

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 |
|------|----------------------------------|------------------------------|--|--|
| 12 | CHEMICAL-ATMOSPHERIC POLLUTION | DG Stack Emission | Oxygen (as O ₂) | IS 13270 |
| 13 | CHEMICAL-ATMOSPHERIC POLLUTION | DG Stack Emission | Particulate Matter (PM) | IS 11255 (Part 1) |
| 14 | CHEMICAL-ATMOSPHERIC POLLUTION | DG Stack Emission | Pressure | IS 11255 (Part 3) |
| 15 | CHEMICAL-ATMOSPHERIC POLLUTION | DG Stack Emission | Sulphur Dioxide (as SO ₂) | IS 11255 (Part 2) |
| 16 | CHEMICAL-ATMOSPHERIC POLLUTION | DG Stack Emission | Temperature | IS 11255 |
| 17 | CHEMICAL-ATMOSPHERIC POLLUTION | DG Stack Emission | Velocity | IS 11255 (Part 3) |
| 18 | CHEMICAL-ATMOSPHERIC POLLUTION | Source Noise (DG) | DG Noise Level (Leq) | IS 4758 |
| 19 | CHEMICAL-POLLUTION & ENVIRONMENT | Effluent Water | Ammoniacal Nitrogen | APHA 24th Edition, 4500 NH ₃ -B,C |
| 20 | CHEMICAL-POLLUTION & ENVIRONMENT | Effluent Water | Biochemical Oxygen Demand (3 Days at 27 °C) | IS 3025 (Part 44) |
| 21 | CHEMICAL-POLLUTION & ENVIRONMENT | Effluent Water | Boron (as B) | APHA 24th Edition, 4500 B-B |
| 22 | CHEMICAL-POLLUTION & ENVIRONMENT | Effluent Water | Calcium (as Ca) | APHA 24th Edition, 3500 Ca-B |
| 23 | CHEMICAL-POLLUTION & ENVIRONMENT | Effluent Water | Chemical Oxygen Demand | APHA 24th Edition, 5220 B |



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

ECOBIOCARE SOLUTIONS PRIVATE LIMITED, PLOT NO. 4496, CUTTACK- PURI BYPASS ROAD,
PANDARA, RASULGARH, BHUBANESWAR, KHORDHA, ODISHA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-16883

Page No

3 of 21

Validity

07/10/2025 to 26/02/2029

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 |
|------|---|------------------------------|--|--|
| 24 | CHEMICAL- POLLUTION & ENVIRONMENT | Effluent Water | Chloride (as Cl) | APHA 24th Edition, 3500 Mg-B |
| 25 | CHEMICAL- POLLUTION & ENVIRONMENT | Effluent Water | Colour | IS 3025 (Part 4) |
| 26 | CHEMICAL- POLLUTION & ENVIRONMENT | Effluent Water | Conductivity at 25 °C | APHA 24th Edition, 2510 B |
| 27 | CHEMICAL- POLLUTION & ENVIRONMENT | Effluent Water | Cyanide (as CN) | APHA 24th Edition, 4500 CN-B,D |
| 28 | CHEMICAL- POLLUTION & ENVIRONMENT | Effluent Water | Dissolved Oxygen | APHA 24th Edition, 4500 O-C |
| 29 | CHEMICAL- POLLUTION & ENVIRONMENT | Effluent Water | Fixed Solids | APHA 24th Edition, 2540 E |
| 30 | CHEMICAL- POLLUTION & ENVIRONMENT | Effluent Water | Fluoride (as F) | APHA 24th Edition, 4500 F-D |
| 31 | CHEMICAL- POLLUTION & ENVIRONMENT | Effluent Water | Free Residual Chlorine | APHA 24th Edition, 4500 Cl-B |
| 32 | CHEMICAL- POLLUTION & ENVIRONMENT | Effluent Water | Hexavalent Chromium (as Cr6+) | APHA 24th Edition, 3500 Cr-B |
| 33 | CHEMICAL- POLLUTION & ENVIRONMENT | Effluent Water | Iron (as Fe) | APHA 24th Edition, 3500 Fe-B |
| 34 | CHEMICAL- POLLUTION & ENVIRONMENT | Effluent Water | Magnesium (as Mg) | APHA 24th Edition, 3500 Mg-B |
| 35 | CHEMICAL- POLLUTION & ENVIRONMENT | Effluent Water | Nitrate (as NO3) | APHA 24th Edition, 4500 NO3-B |



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

ECOBIOCARE SOLUTIONS PRIVATE LIMITED, PLOT NO. 4496, CUTTACK- PURI BYPASS ROAD,
PANDARA, RASULGARH, BHUBANESWAR, KHORDHA, ODISHA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-16883

Page No

4 of 21

Validity

07/10/2025 to 26/02/2029

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 |
|------|---|------------------------------|--|--|
| 36 | CHEMICAL- POLLUTION & ENVIRONMENT | Effluent Water | Nitrite (as NO ₂) | APHA 24th Edition, 4500 NO ₂ -B |
| 37 | CHEMICAL- POLLUTION & ENVIRONMENT | Effluent Water | Odour | APHA 24th Edition, 2150 B |
| 38 | CHEMICAL- POLLUTION & ENVIRONMENT | Effluent Water | Oil & Grease | APHA 24th Edition, 5520 B |
| 39 | CHEMICAL- POLLUTION & ENVIRONMENT | Effluent Water | pH at 25 °C | APHA 24th Edition, 4500 H+-B |
| 40 | CHEMICAL- POLLUTION & ENVIRONMENT | Effluent Water | Phenol (as C ₆ H ₅ OH) | APHA 24th Edition, 5530 D |
| 41 | CHEMICAL- POLLUTION & ENVIRONMENT | Effluent Water | Phosphate (as P) | APHA 24th Edition, 4500 P-D |
| 42 | CHEMICAL- POLLUTION & ENVIRONMENT | Effluent Water | Potassium (as K) | APHA 24th Edition, 3500 K-B |
| 43 | CHEMICAL- POLLUTION & ENVIRONMENT | Effluent Water | Silica (as SiO ₂) | APHA 24th Edition, 4500 SiO ₂ -C |
| 44 | CHEMICAL- POLLUTION & ENVIRONMENT | Effluent Water | Sodium (as Na) | APHA 24th Edition, 3500 Na-B |
| 45 | CHEMICAL- POLLUTION & ENVIRONMENT | Effluent Water | Sulphate (as SO ₄) | APHA 24th Edition, 4500 SO ₄ -2-E |
| 46 | CHEMICAL- POLLUTION & ENVIRONMENT | Effluent Water | Sulphide (as S ₂ -) | APHA 24th Edition, 4500 S-2-F |
| 47 | CHEMICAL- POLLUTION & ENVIRONMENT | Effluent Water | Sulphite (as SO ₃ -2) | APHA 24th Edition, 4500 SO ₃ -2-B |



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

ECOBIOCARE SOLUTIONS PRIVATE LIMITED, PLOT NO. 4496, CUTTACK- PURI BYPASS ROAD,
PANDARA, RASULGARH, BHUBANESWAR, KHORDHA, ODISHA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-16883

Page No

5 of 21

Validity

07/10/2025 to 26/02/2029

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 |
|------|---|------------------------------|--|--|
| 48 | CHEMICAL- POLLUTION & ENVIRONMENT | Effluent Water | Temperature | APHA 24th Edition, 2550 B |
| 49 | CHEMICAL- POLLUTION & ENVIRONMENT | Effluent Water | Total Alkalinity (as CaCO ₃) | APHA 24th Edition, 2320 B |
| 50 | CHEMICAL- POLLUTION & ENVIRONMENT | Effluent Water | Total Dissolved Solids at 180 °C | APHA 24th Edition, 2500 C |
| 51 | CHEMICAL- POLLUTION & ENVIRONMENT | Effluent Water | Total Hardness (as CaCO ₃) | APHA 24th Edition, 2340 C |
| 52 | CHEMICAL- POLLUTION & ENVIRONMENT | Effluent Water | Total Kjeldahl Nitrogen (as N) | APHA 24th Edition, 4500-N |
| 53 | CHEMICAL- POLLUTION & ENVIRONMENT | Effluent Water | Total Solids | APHA 24th Edition, 2540 B |
| 54 | CHEMICAL- POLLUTION & ENVIRONMENT | Effluent Water | Total Suspended Solids | APHA 24th Edition, 2540 D |
| 55 | CHEMICAL- POLLUTION & ENVIRONMENT | Effluent Water | Turbidity | APHA 24th Edition, 2130 B |
| 56 | CHEMICAL- POLLUTION & ENVIRONMENT | Effluent Water | Volatile Solids | APHA 24th Edition, 2540 E |
| 57 | CHEMICAL- POLLUTION & ENVIRONMENT | Sewage Water | Ammoniacal Nitrogen | APHA 24th Edition, 4500 NH ₃ -B,C |
| 58 | CHEMICAL- POLLUTION & ENVIRONMENT | Sewage Water | Biochemical Oxygen Demand (3 Days at 27 °C) | IS 3025 (Part 44) |
| 59 | CHEMICAL- POLLUTION & ENVIRONMENT | Sewage Water | Boron (as B) | APHA 24th Edition, 4500 B-B |



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

ECOBIOCARE SOLUTIONS PRIVATE LIMITED, PLOT NO. 4496, CUTTACK- PURI BYPASS ROAD,
PANDARA, RASULGARH, BHUBANESWAR, KHORDHA, ODISHA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-16883

Page No

6 of 21

Validity

07/10/2025 to 26/02/2029

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 |
|------|----------------------------------|------------------------------|--|--|
| 60 | CHEMICAL-POLLUTION & ENVIRONMENT | Sewage Water | Calcium (as Ca) | APHA 24th Edition, 3500 Ca-B |
| 61 | CHEMICAL-POLLUTION & ENVIRONMENT | Sewage Water | Chemical Oxygen Demand | APHA 24th Edition, 5220 B |
| 62 | CHEMICAL-POLLUTION & ENVIRONMENT | Sewage Water | Chloride (as Cl) | APHA 24th Edition, 4500 Cl-B |
| 63 | CHEMICAL-POLLUTION & ENVIRONMENT | Sewage Water | Colour | IS 3025 (Part 4) |
| 64 | CHEMICAL-POLLUTION & ENVIRONMENT | Sewage Water | Conductivity at 25 °C | APHA 24th Edition, 2510 B |
| 65 | CHEMICAL-POLLUTION & ENVIRONMENT | Sewage Water | Cyanide (as CN) | APHA 24th Edition, 4500 CN-B,D |
| 66 | CHEMICAL-POLLUTION & ENVIRONMENT | Sewage Water | Dissolved Oxygen | APHA 24th Edition, 4500 O-C |
| 67 | CHEMICAL-POLLUTION & ENVIRONMENT | Sewage Water | Fixed Solids | APHA 24th Edition, 2540 E |
| 68 | CHEMICAL-POLLUTION & ENVIRONMENT | Sewage Water | Fluoride (as F) | APHA 24th Edition, 4500 F-D |
| 69 | CHEMICAL-POLLUTION & ENVIRONMENT | Sewage Water | Free Residual Chlorine | APHA 24th Edition, 4500 Cl-B |
| 70 | CHEMICAL-POLLUTION & ENVIRONMENT | Sewage Water | Hexavalent Chromium (as Cr6+) | APHA 24th Edition, 3500 Cr-B |
| 71 | CHEMICAL-POLLUTION & ENVIRONMENT | Sewage Water | Iron (as Fe) | APHA 24th Edition, 3500 Fe-B |



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

ECOBIOCARE SOLUTIONS PRIVATE LIMITED, PLOT NO. 4496, CUTTACK- PURI BYPASS ROAD,
PANDARA, RASULGARH, BHUBANESWAR, KHORDHA, ODISHA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-16883

Page No

7 of 21

Validity

07/10/2025 to 26/02/2029

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 |
|------|---|------------------------------|--|--|
| 72 | CHEMICAL- POLLUTION & ENVIRONMENT | Sewage Water | Magnesium (as Mg) | APHA 24th Edition, 3500 Mg-B |
| 73 | CHEMICAL- POLLUTION & ENVIRONMENT | Sewage Water | Nitrate (as NO ₃) | APHA 24th Edition, 4500 NO ₃ -B |
| 74 | CHEMICAL- POLLUTION & ENVIRONMENT | Sewage Water | Nitrite (as NO ₂) | APHA 24th Edition, 4500 NO ₂ -B |
| 75 | CHEMICAL- POLLUTION & ENVIRONMENT | Sewage Water | Odour | APHA 24th Edition, 2150 B |
| 76 | CHEMICAL- POLLUTION & ENVIRONMENT | Sewage Water | Oil & Grease | APHA 24th Edition, 5520 B |
| 77 | CHEMICAL- POLLUTION & ENVIRONMENT | Sewage Water | pH at 25 °C | APHA 24th Edition, 4500 H ⁺ -B |
| 78 | CHEMICAL- POLLUTION & ENVIRONMENT | Sewage Water | Phenol (C ₆ H ₅ OH) | APHA 24th Edition, 5530 D |
| 79 | CHEMICAL- POLLUTION & ENVIRONMENT | Sewage Water | Phosphate (as P) | APHA 24th Edition, 4500 P-D |
| 80 | CHEMICAL- POLLUTION & ENVIRONMENT | Sewage Water | Potassium (as K) | APHA 24th Edition, 3500 K-B |
| 81 | CHEMICAL- POLLUTION & ENVIRONMENT | Sewage Water | Silica (as SiO ₂) | APHA 24th Edition, 4500 SiO ₂ -C |
| 82 | CHEMICAL- POLLUTION & ENVIRONMENT | Sewage Water | Sodium (as Na) | APHA 24th Edition, 3500 Na-B |
| 83 | CHEMICAL- POLLUTION & ENVIRONMENT | Sewage Water | Sulphate (as SO ₄) | APHA 24th Edition, 4500 SO ₄ -2-E |



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

ECOBIOCARE SOLUTIONS PRIVATE LIMITED, PLOT NO. 4496, CUTTACK- PURI BYPASS ROAD,
PANDARA, RASULGARH, BHUBANESWAR, KHORDHA, ODISHA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-16883

Page No

8 of 21

Validity

07/10/2025 to 26/02/2029

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 |
|------|---|------------------------------|--|--|
| 84 | CHEMICAL- POLLUTION & ENVIRONMENT | Sewage Water | Sulphide (as S ₂ -) | APHA 24th Edition, 4500 S-2-F |
| 85 | CHEMICAL- POLLUTION & ENVIRONMENT | Sewage Water | Sulphite (as SO ₃ -2) | APHA 24th Edition, 4500 SO ₃ -2-B |
| 86 | CHEMICAL- POLLUTION & ENVIRONMENT | Sewage Water | Temperature | APHA 24th Edition, 2550 B |
| 87 | CHEMICAL- POLLUTION & ENVIRONMENT | Sewage Water | Total Alkalinity | APHA 24th Edition, 2320 B |
| 88 | CHEMICAL- POLLUTION & ENVIRONMENT | Sewage Water | Total Dissolved Solids at 180 °C | APHA 24th Edition, 2540 C |
| 89 | CHEMICAL- POLLUTION & ENVIRONMENT | Sewage Water | Total Hardness (as CaCO ₃) | APHA 24th Edition, 2340 C |
| 90 | CHEMICAL- POLLUTION & ENVIRONMENT | Sewage Water | Total Kjeldahl Nitrogen (as N) | APHA 24th Edition, 4500-N |
| 91 | CHEMICAL- POLLUTION & ENVIRONMENT | Sewage Water | Total Solids | APHA 24th Edition, 2540 B |
| 92 | CHEMICAL- POLLUTION & ENVIRONMENT | Sewage Water | Total Suspended Solids | APHA 24th Edition, 2540 D |
| 93 | CHEMICAL- POLLUTION & ENVIRONMENT | Sewage Water | Turbidity | APHA 24th Edition, 2130 B |
| 94 | CHEMICAL- POLLUTION & ENVIRONMENT | Sewage Water | Volatile Solids | APHA 24th Edition, 2540 E |



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

ECOBIOCARE SOLUTIONS PRIVATE LIMITED, PLOT NO. 4496, CUTTACK- PURI BYPASS ROAD,
PANDARA, RASULGARH, BHUBANESWAR, KHORDHA, ODISHA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-16883

Page No

9 of 21

Validity

07/10/2025 to 26/02/2029

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 |
|------|-------------------------|------------------------------|--|--|
| 95 | CHEMICAL- SOIL AND ROCK | Soil | Available Phosphorus (as P) | EGS/SOP/SOIL/04 (Version: 1.0, Issue Date: 30.08.2024) - by Olsen's Method |
| 96 | CHEMICAL- SOIL AND ROCK | Soil | Available Potassium (as K) | IS 9497 |
| 97 | CHEMICAL- SOIL AND ROCK | Soil | Available Sodium (as Na) | IS 9497 |
| 98 | CHEMICAL- SOIL AND ROCK | Soil | Calcium Carbonate (CaCO ₃) | IS 2720 (Part 23) |
| 99 | CHEMICAL- SOIL AND ROCK | Soil | Electrical Conductivity at 25 °C | IS 14767 |
| 100 | CHEMICAL- SOIL AND ROCK | Soil | Exchangeable Calcium (as Ca) | EGS/SOP/SOIL/01 (Version 1.0, Issue Date: 30.08.2024) - by EDTA Titrimetric Method |
| 101 | CHEMICAL- SOIL AND ROCK | Soil | Exchangeable Magnesium (as Mg) | EGS/SOP/SOIL/02 (Version: 1.0, Issue Date: 30.08.2024) - by EDTA Titrimetric Method |
| 102 | CHEMICAL- SOIL AND ROCK | Soil | Organic Carbon | IS 2720 (Part 22) |
| 103 | CHEMICAL- SOIL AND ROCK | Soil | Organic Matter | IS 2720 (Part 22) |
| 104 | CHEMICAL- SOIL AND ROCK | Soil | pH at 25 °C | IS 2720 (Part 26) |
| 105 | CHEMICAL- SOIL AND ROCK | Soil | Total Available Nitrogen (as N) | EGS/SOP/SOIL/06 (Version: 1.0, Issue Date: 30.08.2024) - by Distillation Method |
| 106 | CHEMICAL- SOIL AND ROCK | Soil | Total Iron (as Fe) | EGS/SOP/SOIL/07 (Version: 1.0, Issue Date: 30.08.2024) - by Titration Method |



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

ECOBIOCARE SOLUTIONS PRIVATE LIMITED, PLOT NO. 4496, CUTTACK- PURI BYPASS ROAD,
PANDARA, RASULGARH, BHUBANESWAR, KHORDHA, ODISHA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-16883

Page No

10 of 21

Validity

07/10/2025 to 26/02/2029

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 |
|------|-------------------------|------------------------------|--|--|
| 107 | CHEMICAL- SOIL AND ROCK | Soil | Total Kjeldahl Nitrogen (as N) | EGS/SOP/SOIL/05 (Version: 1.0, Issue Date: 30.08.2024) - by Digestion & Distillation Method |
| 108 | CHEMICAL- SOIL AND ROCK | Soil | Total Soluble Sulphate (as SO ₄) | IS 2720 (Part 27) |
| 109 | CHEMICAL- SOIL AND ROCK | Soil | Water Content | IS 2720 (Part 2) |
| 110 | CHEMICAL- SOIL AND ROCK | Soil | Water Soluble Chloride (as Cl) | EGS/SOP/SOIL/03 (Version 1.0, Issue Date: 30.08.2024)- by Argentometric Method |
| 111 | CHEMICAL- WATER | Drinking Water | Chemical Oxygen Demand | APHA 24th Edition, 5220 B |
| 112 | CHEMICAL- WATER | Drinking Water | Ammoniacal Nitrogen | APHA 24th Edition, 4500 NH ₃ -B,C |
| 113 | CHEMICAL- WATER | Drinking Water | Biochemical Oxygen Demand (3 Days at 27 °C) | IS 3025 (Part 44) |
| 114 | CHEMICAL- WATER | Drinking Water | Boron (as B) | APHA 24th Edition, 4500 B-C |
| 115 | CHEMICAL- WATER | Drinking Water | Calcium (as Ca) | APHA 24th Edition, 3500 Ca-B |
| 116 | CHEMICAL- WATER | Drinking Water | Chloride (as Cl) | APHA 24th Edition, 4500 Cl-B |
| 117 | CHEMICAL- WATER | Drinking Water | Colour | IS 3025 (Part 4) |
| 118 | CHEMICAL- WATER | Drinking Water | Conductivity at 25 °C | APHA 24th Edition, 2510 B |
| 119 | CHEMICAL- WATER | Drinking Water | Cyanide (as CN) | APHA 24th Edition, 4500 CN-B,D |
| 120 | CHEMICAL- WATER | Drinking Water | Dissolved Oxygen | APHA 24th Edition, 4500 O-C |
| 121 | CHEMICAL- WATER | Drinking Water | Fixed Solids | APHA 24th Edition, 2540 E |



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

ECOBIOCARE SOLUTIONS PRIVATE LIMITED, PLOT NO. 4496, CUTTACK- PURI BYPASS ROAD,
PANDARA, RASULGARH, BHUBANESWAR, KHORDHA, ODISHA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-16883

Page No

11 of 21

Validity

07/10/2025 to 26/02/2029

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 |
|------|--------------------|------------------------------|--|--|
| 122 | CHEMICAL- WATER | Drinking Water | Fluoride (as F) | APHA 24th Edition, 4500 F-D |
| 123 | CHEMICAL- WATER | Drinking Water | Free Residual Chlorine | APHA 24th Edition, 4500 Cl-B |
| 124 | CHEMICAL- WATER | Drinking Water | Hexavalent Chromium (as Cr6+) | APHA 24th Edition, 3500 Cr-B |
| 125 | CHEMICAL- WATER | Drinking Water | Iron (as Fe) | APHA 24th Edition, 3500 Fe-B |
| 126 | CHEMICAL- WATER | Drinking Water | Magnesium (as Mg) | APHA 24th Edition, 3500 Mg-B |
| 127 | CHEMICAL- WATER | Drinking Water | Nitrate (as NO3) | APHA 24th Edition, 4500 NO3-B |
| 128 | CHEMICAL- WATER | Drinking Water | Nitrite (as NO2) | APHA 24th Edition, 4500 NO2-B |
| 129 | CHEMICAL- WATER | Drinking Water | Odour | APHA 24th Edition, 2150 B |
| 130 | CHEMICAL- WATER | Drinking Water | Oil & Grease | APHA 24th Edition, 5520 B |
| 131 | CHEMICAL- WATER | Drinking Water | pH at 25 °C | APHA 24th Edition, 4500 H+-B |
| 132 | CHEMICAL- WATER | Drinking Water | Phenol (as C6H5OH) | APHA 24th Edition, 5530 D |
| 133 | CHEMICAL- WATER | Drinking Water | Phosphate (as P) | APHA 24th Edition, 4500 P-D |
| 134 | CHEMICAL- WATER | Drinking Water | Potassium (as K) | APHA 24th Edition, 3500 K-B |
| 135 | CHEMICAL- WATER | Drinking Water | Silica (as SiO2) | APHA 24th Edition, 4500 SiO2-C |
| 136 | CHEMICAL- WATER | Drinking Water | Sodium (as Na) | APHA 24th Edition, 3500 Na-B |
| 137 | CHEMICAL- WATER | Drinking Water | Sulphate (as SO4) | APHA 24th Edition, 4500 SO4-2-E |



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

ECOBIOCARE SOLUTIONS PRIVATE LIMITED, PLOT NO. 4496, CUTTACK- PURI BYPASS ROAD,
PANDARA, RASULGARH, BHUBANESWAR, KHORDHA, ODISHA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-16883

Page No

12 of 21

Validity

07/10/2025 to 26/02/2029

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 |
|------|--------------------|------------------------------|--|--|
| 138 | CHEMICAL- WATER | Drinking Water | Sulphide (S ₂ -) | APHA 24th Edition, 4500 S-2-F |
| 139 | CHEMICAL- WATER | Drinking Water | Sulphite (as SO ₃ -2) | APHA 24th Edition, 4500 SO ₃ -2-B |
| 140 | CHEMICAL- WATER | Drinking Water | Temperature | APHA 24th Edition, 2550 B |
| 141 | CHEMICAL- WATER | Drinking Water | Total Alkalinity (as CaCO ₃) | APHA 24th Edition, 2320 B |
| 142 | CHEMICAL- WATER | Drinking Water | Total Dissolved Solids at 180 °C | APHA 24th Edition, 2540 C |
| 143 | CHEMICAL- WATER | Drinking Water | Total Hardness (as CaCO ₃) | APHA 24th Edition, 2340 C |
| 144 | CHEMICAL- WATER | Drinking Water | Total Kjeldahl Nitrogen (as N) | APHA 24th Edition, 4500 N |
| 145 | CHEMICAL- WATER | Drinking Water | Total Solids | APHA 24th Edition, 2540 B |
| 146 | CHEMICAL- WATER | Drinking Water | Total Suspended Solids | APHA 24th Edition, 2540 D |
| 147 | CHEMICAL- WATER | Drinking Water | Turbidity | APHA 24th Edition, 2130 B |
| 148 | CHEMICAL- WATER | Drinking Water | Volatile Solids | APHA 24th Edition, 2540 E |
| 149 | CHEMICAL- WATER | Ground Water | Biochemical Oxygen Demand (3 Days at 27 °C) | IS 3025 (Part 44) |
| 150 | CHEMICAL- WATER | Ground Water | Total Suspended Solids | APHA 24th Edition, 2540 D |
| 151 | CHEMICAL- WATER | Ground Water | Ammoniacal Nitrogen | APHA 24th Edition, 4500 NH ₃ -B,C |
| 152 | CHEMICAL- WATER | Ground Water | Boron | APHA 24th Edition, 4500 B-C |
| 153 | CHEMICAL- WATER | Ground Water | Calcium (as Ca) | APHA 24th Edition, 3500 Ca-B |
| 154 | CHEMICAL- WATER | Ground Water | Chemical Oxygen Demand | APHA 24th Edition, 5520 B |



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

ECOBIOCARE SOLUTIONS PRIVATE LIMITED, PLOT NO. 4496, CUTTACK- PURI BYPASS ROAD,
PANDARA, RASULGARH, BHUBANESWAR, KHORDHA, ODISHA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-16883

Page No

13 of 21

Validity

07/10/2025 to 26/02/2029

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 |
|------|--------------------|------------------------------|--|--|
| 155 | CHEMICAL- WATER | Ground Water | Chloride (as Cl) | APHA 24th Edition, 4500 Cl-B |
| 156 | CHEMICAL- WATER | Ground Water | Colour | IS 3025 (Part 4) |
| 157 | CHEMICAL- WATER | Ground Water | Conductivity at 25 °C | APHA 24th Edition, 2510 B |
| 158 | CHEMICAL- WATER | Ground Water | Cyanide (as CN) | APHA 24th Edition, 4500 CN-B,D |
| 159 | CHEMICAL- WATER | Ground Water | Dissolved Oxygen | APHA 24th Edition, 4500 O-C |
| 160 | CHEMICAL- WATER | Ground Water | Fixed Solids | APHA 24th Edition, 2540 E |
| 161 | CHEMICAL- WATER | Ground Water | Fluoride (as F) | APHA 24th Edition, 4500 F-D |
| 162 | CHEMICAL- WATER | Ground Water | Free Residual Chlorine | APHA 24th Edition, 4500 Cl-B |
| 163 | CHEMICAL- WATER | Ground Water | Hexavalent Chromium (as Cr6+) | APHA 24th Edition, 3500 Cr-B |
| 164 | CHEMICAL- WATER | Ground Water | Iron (as Fe) | APHA 24th Edition, 3500 Fe-B |
| 165 | CHEMICAL- WATER | Ground Water | Magnesium (as Mg) | APHA 24th Edition, 3500 Mg-B |
| 166 | CHEMICAL- WATER | Ground Water | Nitrate (as NO3) | APHA 24th Edition, 4500 NO3-B |
| 167 | CHEMICAL- WATER | Ground Water | Nitrite (as NO2) | APHA 24th Edition, 4500 NO2-B |
| 168 | CHEMICAL- WATER | Ground Water | Odour | APHA 24th Edition, 2150 B |
| 169 | CHEMICAL- WATER | Ground Water | Oil & Grease | APHA 24th Edition, 5520 B |
| 170 | CHEMICAL- WATER | Ground Water | pH at 25 °C | APHA 24th Edition, 4500 H+-B |
| 171 | CHEMICAL- WATER | Ground Water | Phenol (as C6H5OH) | APHA 24th Edition, 5530 D |



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

ECOBIOCARE SOLUTIONS PRIVATE LIMITED, PLOT NO. 4496, CUTTACK- PURI BYPASS ROAD,
PANDARA, RASULGARH, BHUBANESWAR, KHORDHA, ODISHA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-16883

Page No

14 of 21

Validity

07/10/2025 to 26/02/2029

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 |
|------|--------------------|------------------------------|--|--|
| 172 | CHEMICAL- WATER | Ground Water | Phosphate (as P) | APHA 24th Edition, 4500 P-D |
| 173 | CHEMICAL- WATER | Ground Water | Potassium (as K) | APHA 24th Edition, 3500 K-B |
| 174 | CHEMICAL- WATER | Ground Water | Silica (as SiO ₂) | APHA 24th Edition, 4500 SiO ₂ -C |
| 175 | CHEMICAL- WATER | Ground Water | Sodium (as Na) | APHA 24th Edition, 3500 Na-B |
| 176 | CHEMICAL- WATER | Ground Water | Sulphate (as SO ₄) | APHA 24th Edition, 4500 SO ₄ -2-E |
| 177 | CHEMICAL- WATER | Ground Water | Sulphide (as S ²⁻) | APHA 24th Edition, 4500 S-2-F |
| 178 | CHEMICAL- WATER | Ground Water | Sulphite (as SO ₃ -2) | APHA 24th Edition, 4500 SO ₃ -2-B |
| 179 | CHEMICAL- WATER | Ground Water | Temperature | APHA 24th Edition, 2550 B |
| 180 | CHEMICAL- WATER | Ground Water | Total Alkalinity (as CaCO ₃) | APHA 24th Edition, 2320 B |
| 181 | CHEMICAL- WATER | Ground Water | Total Dissolved Solids at 180 °C | APHA 24th Edition, 2540 C |
| 182 | CHEMICAL- WATER | Ground Water | Total Hardness (as CaCO ₃) | APHA 24th Edition, 2340 C |
| 183 | CHEMICAL- WATER | Ground Water | Total Kjeldahl Nitrogen (as N) | APHA 24th Edition, 4500 N |
| 184 | CHEMICAL- WATER | Ground Water | Total Solids | APHA 24th Edition, 2540 B |
| 185 | CHEMICAL- WATER | Ground Water | Turbidity | APHA 24th Edition, 2130 B |
| 186 | CHEMICAL- WATER | Ground Water | Volatile Solids | APHA 24th Edition, 2540 E |
| 187 | CHEMICAL- WATER | Industrial Water | Ammoniacal Nitrogen | APHA 24th Edition, 4500 NH ₃ -B,C |
| 188 | CHEMICAL- WATER | Industrial Water | Biochemical Oxygen Demand (3 Days at 27 °C) | IS 3025 (Part 44) |



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

ECOBIOCARE SOLUTIONS PRIVATE LIMITED, PLOT NO. 4496, CUTTACK- PURI BYPASS ROAD,
PANDARA, RASULGARH, BHUBANESWAR, KHORDHA, ODISHA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-16883

Page No

15 of 21

Validity

07/10/2025 to 26/02/2029

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 |
|------|--------------------|------------------------------|--|--|
| 189 | CHEMICAL- WATER | Industrial Water | Boron (as B) | APHA 24th Edition, 4500 B-C |
| 190 | CHEMICAL- WATER | Industrial Water | Calcium (as Ca) | APHA 24th Edition, 3500 Ca-B |
| 191 | CHEMICAL- WATER | Industrial Water | Chemical Oxygen Demand | APHA 24th Edition, 5220 B |
| 192 | CHEMICAL- WATER | Industrial Water | Chloride (as Cl) | APHA 24th Edition, 4500 Cl-B |
| 193 | CHEMICAL- WATER | Industrial Water | Colour | IS 3025 (Part 4) |
| 194 | CHEMICAL- WATER | Industrial Water | Conductivity at 25 °C | APHA 24th Edition, 4500 B-C |
| 195 | CHEMICAL- WATER | Industrial Water | Cyanide (as CN) | APHA 24th Edition, 4500 CN-B,D |
| 196 | CHEMICAL- WATER | Industrial Water | Dissolved Oxygen | APHA 24th Edition, 4500 O-C |
| 197 | CHEMICAL- WATER | Industrial Water | Fixed Solids | APHA 24th Edition, 2540 E |
| 198 | CHEMICAL- WATER | Industrial Water | Fluoride (as F) | APHA 24th Edition, 4500 F-D |
| 199 | CHEMICAL- WATER | Industrial Water | Free Residual Chlorine | APHA 24th Edition, 4500 Cl-B |
| 200 | CHEMICAL- WATER | Industrial Water | Hexavalent Chromium (as Cr6+) | APHA 24th Edition, 3500 Cr-B |
| 201 | CHEMICAL- WATER | Industrial Water | Iron (as Fe) | APHA 24th Edition, 3500 Fe-B |
| 202 | CHEMICAL- WATER | Industrial Water | Magnesium (as Mg) | APHA 24th Edition, 3500 Mg-B |
| 203 | CHEMICAL- WATER | Industrial Water | Nitrate (as NO3) | APHA 24th Edition, 4500 NO3-B |
| 204 | CHEMICAL- WATER | Industrial Water | Nitrite (as NO2) | APHA 24th Edition, 4500 NO2-B |
| 205 | CHEMICAL- WATER | Industrial Water | Odour | APHA 24th Edition, 2150 B |



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

ECOBIOCARE SOLUTIONS PRIVATE LIMITED, PLOT NO. 4496, CUTTACK- PURI BYPASS ROAD,
PANDARA, RASULGARH, BHUBANESWAR, KHORDHA, ODISHA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-16883

Page No

16 of 21

Validity

07/10/2025 to 26/02/2029

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 |
|------|--------------------|------------------------------|--|--|
| 206 | CHEMICAL- WATER | Industrial Water | Oil & Grease | APHA 24th Edition, 5520 B |
| 207 | CHEMICAL- WATER | Industrial Water | pH at 25 °C | APHA 24th Edition, 4500 H+-B |
| 208 | CHEMICAL- WATER | Industrial Water | Phenol (as C ₆ H ₅ OH) | APHA 24th Edition, 5530 D |
| 209 | CHEMICAL- WATER | Industrial Water | Phosphate (as P) | APHA 24th Edition, 4500 P-D |
| 210 | CHEMICAL- WATER | Industrial Water | Potassium (as K) | APHA 24th Edition, 3500 K-B |
| 211 | CHEMICAL- WATER | Industrial Water | Silica (as SiO ₂) | APHA 24th Edition, 4500 SiO ₂ -C |
| 212 | CHEMICAL- WATER | Industrial Water | Sodium (as Na) | APHA 24th Edition, 3500 Na-B |
| 213 | CHEMICAL- WATER | Industrial Water | Sulphate (as SO ₄) | APHA 24th Edition, 4500 SO ₄ -2-E |
| 214 | CHEMICAL- WATER | Industrial Water | Sulphide (as S ₂ -) | APHA 24th Edition, 4500 S-2-F |
| 215 | CHEMICAL- WATER | Industrial Water | Sulphite (SO ₃ -2) | APHA 24th Edition, 4500 SO ₃ -2-B |
| 216 | CHEMICAL- WATER | Industrial Water | Temperature | APHA 24th Edition, 2550 B |
| 217 | CHEMICAL- WATER | Industrial Water | Total Alkalinity (as CaCO ₃) | APHA 24th Edition, 2320 B |
| 218 | CHEMICAL- WATER | Industrial Water | Total Dissolved Solids at 180 °C | APHA 24th Edition, 2540 C |
| 219 | CHEMICAL- WATER | Industrial Water | Total Hardness (as CaCO ₃) | APHA 24th Edition, 2340 C |
| 220 | CHEMICAL- WATER | Industrial Water | Total Kjeldahl Nitrogen (as N) | APHA 24th Edition, 4500 N |
| 221 | CHEMICAL- WATER | Industrial Water | Total Solids | APHA 24th Edition, 2540 B |



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

ECOBIOCARE SOLUTIONS PRIVATE LIMITED, PLOT NO. 4496, CUTTACK- PURI BYPASS ROAD,
PANDARA, RASULGARH, BHUBANESWAR, KHORDHA, ODISHA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-16883

Page No

17 of 21

Validity

07/10/2025 to 26/02/2029

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 |
|------|--------------------|------------------------------|--|--|
| 222 | CHEMICAL- WATER | Industrial Water | Total Suspended Solids | APHA 24th Edition, 2540 D |
| 223 | CHEMICAL- WATER | Industrial Water | Turbidity | APHA 24th Edition, 2130 B |
| 224 | CHEMICAL- WATER | Industrial Water | Volatile Solids | APHA 24th Edition, 2540 E |
| 225 | CHEMICAL- WATER | Irrigation Water | Ammoniacal Nitrogen | APHA 24th Edition 4500, NH3-B,C |
| 226 | CHEMICAL- WATER | Irrigation Water | Biochemical Oxygen Demand (3 Days at 27 °C) | IS 3025 (Part 44) |
| 227 | CHEMICAL- WATER | Irrigation Water | Boron (as B) | APHA 24th Edition, 4500 B-C |
| 228 | CHEMICAL- WATER | Irrigation Water | Calcium (as Ca) | APHA 24th Edition, 3500 Ca-B |
| 229 | CHEMICAL- WATER | Irrigation Water | Chemical Oxygen Demand | APHA 24th Edition, 5220 B |
| 230 | CHEMICAL- WATER | Irrigation Water | Chloride (as Cl) | APHA 24th Edition, 4500 Cl-B |
| 231 | CHEMICAL- WATER | Irrigation Water | Colour | IS 3025 (Part 4) |
| 232 | CHEMICAL- WATER | Irrigation Water | Conductivity at 25 °C | APHA 24th Edition, 2510 B |
| 233 | CHEMICAL- WATER | Irrigation Water | Cyanide (as CN) | APHA 24th Edition, 4500 CN-B,D |
| 234 | CHEMICAL- WATER | Irrigation Water | Dissolved Oxygen | APHA 24th Edition, 4500 O-C |
| 235 | CHEMICAL- WATER | Irrigation Water | Fixed Solids | APHA 24th Edition, 2540 E |
| 236 | CHEMICAL- WATER | Irrigation Water | Fluoride (as F) | APHA 24th Edition, 4500 F-D |
| 237 | CHEMICAL- WATER | Irrigation Water | Free Residual Chlorine | APHA 24th Edition, 4500 Cl-B |
| 238 | CHEMICAL- WATER | Irrigation Water | Hexavalent Chromium (as Cr6+) | APHA 24th Edition, 3500 Cr-B |
| 239 | CHEMICAL- WATER | Irrigation Water | Iron (as Fe) | APHA 24th Edition, 3500 Fe-B |



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

ECOBIOCARE SOLUTIONS PRIVATE LIMITED, PLOT NO. 4496, CUTTACK- PURI BYPASS ROAD,
PANDARA, RASULGARH, BHUBANESWAR, KHORDHA, ODISHA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-16883

Page No

18 of 21

Validity

07/10/2025 to 26/02/2029

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 |
|------|--------------------|------------------------------|--|--|
| 240 | CHEMICAL- WATER | Irrigation Water | Magnesium (as Mg) | APHA 24th Edition, 3500 Mg-B |
| 241 | CHEMICAL- WATER | Irrigation Water | Nitrate (as NO ₃) | APHA 24th Edition, 4500 NO ₃ -B |
| 242 | CHEMICAL- WATER | Irrigation Water | Nitrite (as NO ₂) | APHA 24th Edition, 4500 NO ₂ -B |
| 243 | CHEMICAL- WATER | Irrigation Water | Odour | APHA 24th Edition, 2150 B |
| 244 | CHEMICAL- WATER | Irrigation Water | Oil & Grease | APHA 24th Edition, 5520 B |
| 245 | CHEMICAL- WATER | Irrigation Water | pH at 25 °C | APHA 24th Edition, 4500 H+-B |
| 246 | CHEMICAL- WATER | Irrigation Water | Phenol (as C ₆ H ₅ OH) | APHA 24th Edition, 5530 D |
| 247 | CHEMICAL- WATER | Irrigation Water | Phosphate (as P) | APHA 24th Edition, 4500 P-D |
| 248 | CHEMICAL- WATER | Irrigation Water | Potassium (as K) | APHA 24th Edition, 3500 K-B |
| 249 | CHEMICAL- WATER | Irrigation Water | Silica (as SiO ₂) | APHA 24th Edition, 4500 SiO ₂ -C |
| 250 | CHEMICAL- WATER | Irrigation Water | Sodium (as Na) | APHA 24th Edition, 3500 Na-B |
| 251 | CHEMICAL- WATER | Irrigation Water | Sulphate (as SO ₄) | APHA 24th Edition, 4500 SO ₄ -2-E |
| 252 | CHEMICAL- WATER | Irrigation Water | Sulphide (as S ²⁻) | APHA 24th Edition, 4500 S-2-F |
| 253 | CHEMICAL- WATER | Irrigation Water | Sulphite (as SO ₃ -2) | APHA 24th Edition, 4500 SO ₃ -2-B |
| 254 | CHEMICAL- WATER | Irrigation Water | Temperature | APHA 24th Edition, 2550 B |
| 255 | CHEMICAL- WATER | Irrigation Water | Total Alkalinity (as CaCO ₃) | APHA 24th Edition, 2320 B |



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

ECOBIOCARE SOLUTIONS PRIVATE LIMITED, PLOT NO. 4496, CUTTACK- PURI BYPASS ROAD,
PANDARA, RASULGARH, BHUBANESWAR, KHORDHA, ODISHA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-16883

Page No

19 of 21

Validity

07/10/2025 to 26/02/2029

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 |
|------|--------------------|------------------------------|--|--|
| 256 | CHEMICAL- WATER | Irrigation Water | Total Dissolved Solids at 180 °C | APHA 24th Edition, 2540 C |
| 257 | CHEMICAL- WATER | Irrigation Water | Total Hardness (as CaCO ₃) | APHA 24th Edition, 2340 C |
| 258 | CHEMICAL- WATER | Irrigation Water | Total Kjeldahl Nitrogen (as N) | APHA 24th Edition, 4500 N |
| 259 | CHEMICAL- WATER | Irrigation Water | Total Solids | APHA 24th Edition, 2540 B |
| 260 | CHEMICAL- WATER | Irrigation Water | Total Suspended Solids | APHA 24th Edition, 2540 D |
| 261 | CHEMICAL- WATER | Irrigation Water | Turbidity | APHA 24th Edition, 2130 B |
| 262 | CHEMICAL- WATER | Irrigation Water | Volatile Solids | APHA 24th Edition, 2540 E |
| 263 | CHEMICAL- WATER | Surface Water | Chemical Oxygen Demand | APHA 24th Edition, 5220 B |
| 264 | CHEMICAL- WATER | Surface Water | Ammoniacal Nitrogen | APHA 24th Edition, 4500 NH ₃ -B,C |
| 265 | CHEMICAL- WATER | Surface Water | Biochemical Oxygen Demand (3 Days at 27 °C) | IS 3025 (Part 44) |
| 266 | CHEMICAL- WATER | Surface Water | Boron (as B) | APHA 24th Edition, 4500 B-C |
| 267 | CHEMICAL- WATER | Surface Water | Calcium (as Ca) | APHA 24th Edition, 3500 Ca-B |
| 268 | CHEMICAL- WATER | Surface Water | Chloride (as Cl) | APHA 24th Edition, 4500 Cl-B |
| 269 | CHEMICAL- WATER | Surface Water | Colour | IS 3025 (Part 4) |
| 270 | CHEMICAL- WATER | Surface Water | Conductivity at 25 °C | APHA 24th Edition, 2510 B |
| 271 | CHEMICAL- WATER | Surface Water | Cyanide (as CN) | APHA 24th Edition, 4500 CN-B,D |
| 272 | CHEMICAL- WATER | Surface Water | Dissolved Oxygen | APHA 24th Edition, 4500 O-C |
| 273 | CHEMICAL- WATER | Surface Water | Fixed Solids | APHA 24th Edition, 2540 E |



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

ECOBIOCARE SOLUTIONS PRIVATE LIMITED, PLOT NO. 4496, CUTTACK- PURI BYPASS ROAD,
PANDARA, RASULGARH, BHUBANESWAR, KHORDHA, ODISHA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-16883

Page No

20 of 21

Validity

07/10/2025 to 26/02/2029

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 |
|------|--------------------|------------------------------|--|--|
| 274 | CHEMICAL- WATER | Surface Water | Fluoride (as F) | APHA 24th Edition, 4500 F-D |
| 275 | CHEMICAL- WATER | Surface Water | Free Residual Chlorine | APHA 24th Edition, 4500 Cl-B |
| 276 | CHEMICAL- WATER | Surface Water | Hexavalent Chromium (Cr6+) | APHA 24th Edition, 3500 Cr-B |
| 277 | CHEMICAL- WATER | Surface Water | Iron (as Fe) | APHA 24th Edition, 3500 Fe-B |
| 278 | CHEMICAL- WATER | Surface Water | Magnesium (as Mg) | APHA 24th Edition, 3500 Mg-B |
| 279 | CHEMICAL- WATER | Surface Water | Nitrate (as NO3) | APHA 24th Edition, 4500 NO3-B |
| 280 | CHEMICAL- WATER | Surface Water | Nitrite (as NO2) | APHA 24th Edition, 4500 NO2-B |
| 281 | CHEMICAL- WATER | Surface Water | Odour | APHA 24th Edition, 2150 B |
| 282 | CHEMICAL- WATER | Surface Water | Oil & Grease | APHA 24th Edition, 5520 B |
| 283 | CHEMICAL- WATER | Surface Water | pH at 25 °C | APHA 24th Edition, 4500 H+-B |
| 284 | CHEMICAL- WATER | Surface Water | Phenol (as C6H5OH) | APHA 24th Edition, 5530 D |
| 285 | CHEMICAL- WATER | Surface Water | Phosphate (as P) | APHA 24th Edition, 4500 P-D |
| 286 | CHEMICAL- WATER | Surface Water | Potassium (as K) | APHA 24th Edition, 3500 K-B |
| 287 | CHEMICAL- WATER | Surface Water | Silica (as SiO2) | APHA 24th Edition, 4500 SiO2-C |
| 288 | CHEMICAL- WATER | Surface Water | Sodium (as Na) | APHA 24th Edition, 3500 Na-B |
| 289 | CHEMICAL- WATER | Surface Water | Sulphate (as SO4) | APHA 24th Edition, 4500 SO4-2-E |



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

ECOBIOCARE SOLUTIONS PRIVATE LIMITED, PLOT NO. 4496, CUTTACK- PURI BYPASS ROAD,
PANDARA, RASULGARH, BHUBANESWAR, KHORDHA, ODISHA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-16883

Page No

21 of 21

Validity

07/10/2025 to 26/02/2029

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 |
|------|--------------------|--------------------------------|--|--|
| 290 | CHEMICAL- WATER | Surface Water | Sulphide (as S ₂ -) | APHA 24th Edition, 4500 S-2-F |
| 291 | CHEMICAL- WATER | Surface Water | Sulphite (as SO ₃ -2) | APHA 24th Edition, 4500 SO ₃ -2-B |
| 292 | CHEMICAL- WATER | Surface Water | Temperature | APHA 24th Edition, 2550 B |
| 293 | CHEMICAL- WATER | Surface Water | Total Alkalinity (as CaCO ₃) | APHA 24th Edition, 2320 B |
| 294 | CHEMICAL- WATER | Surface Water | Total Dissolved Solids at 180 °C | APHA 24th Edition, 2540 C |
| 295 | CHEMICAL- WATER | Surface Water | Total Hardness (as CaCO ₃) | APHA 24th Edition, 2340 C |
| 296 | CHEMICAL- WATER | Surface Water | Total Kjeldahl Nitrogen (as N) | APHA 24th Edition, 4500 N |
| 297 | CHEMICAL- WATER | Surface Water | Total Solids | APHA 24th Edition, 2540 B |
| 298 | CHEMICAL- WATER | Surface Water | Total Suspended Solids | APHA 24th Edition, 2540 D |
| 299 | CHEMICAL- WATER | Surface Water | Turbidity | APHA 24th Edition, 2130 B |
| 300 | CHEMICAL- WATER | Surface Water | Volatile Solids | APHA 24th Edition, 2540 E |
| 301 | CHEMICAL- WATER | Water for Construction Purpose | Chloride (as Cl) | APHA 24th Edition, 4500 Cl-B |
| 302 | CHEMICAL- WATER | Water for Construction Purpose | pH at 25 °C | APHA 24th Edition, 4500 H+-B |
| 303 | CHEMICAL- WATER | Water for Construction Purpose | Sulphate (as SO ₄) | APHA 24th Edition, 4500 SO ₄ -2-E |