



National Accreditation Board for
Testing and Calibration Laboratories

CERTIFICATE OF ACCREDITATION

**ENVIRONMENTAL ANALYTICAL LABORATORY,
DEPARTMENT OF SCIENCE, TECHNOLOGY &
ENVIRONMENT, PUDUCHERRY POLLUTION CONTROL
COMMITTEE**

has been assessed and accredited in accordance with the standard

ISO/IEC 17025:2017

**"General Requirements for the Competence of Testing &
Calibration Laboratories"**

for its facilities at

R.S. NO. 189, GARAGE BUILDING, IYYANAR KOIL STREET, MARIE OULGARET, METTUPALAYAM,
PUDUCHERRY, INDIA

in the field of

TESTING

Certificate Number: TC-6480

Issue Date: 29/11/2025

Valid Until: 28/11/2029

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued
satisfactory compliance to the above standard & the relevant requirements of NABL.

(To see the scope of accreditation of this laboratory, you may also visit NABL website www.nabl-india.org)

Name of Legal Entity: Puducherry Pollution Control Committee (PPCC)

Signed for and on behalf of NABL



Anita Rani
Director

Chakravarthy T. Kannan
Chief Executive Officer



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SCOPE OF ACCREDITATION

Laboratory Name :

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COMMITTEE, R.S. NO. 189, GARAGE BUILDING, IYYANAR KOIL STREET,
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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	Nitrogen Dioxide (NO ₂)	IS 5182 (Part 6)
2	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Particulate Matter (Size less than 10µm) or PM ₁₀	IS 5182 (Part 23)
3	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Particulate Matter (Size less than 2.5µm) or PM _{2.5}	IS 5182 (Part 24)
4	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Sulphur Dioxide (SO ₂)	IS 5182 (Part 2, Sec1)
5	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Noise	Leq, L _{max} , L _{min} , Ln (L ₁₀ , L ₅₀ , L ₉₀)	CPCB Protocol for Ambient Noise Level Monitoring
6	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Noise	Leq, L _{max} , L _{min} , Ln (L ₁₀ , L ₅₀ , L ₉₀)	IS 9989
7	CHEMICAL- ATMOSPHERIC POLLUTION	Source (DG) Noise Levels	Leq, L _{max} , L _{min} , Ln (L ₁₀ , L ₅₀ , L ₉₀)	ISO 8528 (Part 10)
8	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Carbon Dioxide (CO ₂)	USEPA Method 3A
9	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Carbon Monoxide (CO)	USEPA Method 10
10	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Flow Rate	IS 11255 (Part 3)
11	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Oxides of Nitrogen (NO _x , NO, NO ₂)	USEPA Method 7E
12	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Oxygen (O ₂)	USEPA Method 3A
13	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Particulate Matter (PM)	IS 11255 (Part 1)
14	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Sulphur Dioxide (SO ₂)	USEPA Method 6C
15	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Temperature	IS 11255 (Part 3)
16	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Velocity	IS 11255 (Part 3)
17	CHEMICAL- POLLUTION & ENVIRONMENT	Liquid Effluent (Effluent Water/STP Water)	Ammoniacal Nitrogen	APHA 24th Edition 4500-NH ₃ F
18	CHEMICAL- POLLUTION & ENVIRONMENT	Liquid Effluent (Effluent Water/STP Water)	Bio Chemical Oxygen Demand (3 Days @ 27°C)	IS 3025 (Part 44)
19	CHEMICAL- POLLUTION & ENVIRONMENT	Liquid Effluent (Effluent Water/STP Water)	Bio Chemical Oxygen Demand (5 Days @ 20°C)	APHA 24th Edition 5210-B



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20	CHEMICAL- POLLUTION & ENVIRONMENT	Liquid Effluent (Effluent Water/STP Water)	Chemical Oxygen Demand	IS 3025 (Part 58)
21	CHEMICAL- POLLUTION & ENVIRONMENT	Liquid Effluent (Effluent Water/STP Water)	Chloride (as Cl-)	APHA 24th Edition 4500-Cl B
22	CHEMICAL- POLLUTION & ENVIRONMENT	Liquid Effluent (Effluent Water/STP Water)	Chlorine, Residual	IS 3025 (Part 26, Method B)
23	CHEMICAL- POLLUTION & ENVIRONMENT	Liquid Effluent (Effluent Water/STP Water)	Hexavalent Chromium (as Cr6+)	APHA 24th Edition 3500-Cr B
24	CHEMICAL- POLLUTION & ENVIRONMENT	Liquid Effluent (Effluent Water/STP Water)	Nitrate as Nitrogen	APHA 24th Edition 4500-NO3 B
25	CHEMICAL- POLLUTION & ENVIRONMENT	Liquid Effluent (Effluent Water/STP Water)	Nitrate as Nitrogen	APHA 24th Edition 4500-NO3 E
26	CHEMICAL- POLLUTION & ENVIRONMENT	Liquid Effluent (Effluent Water/STP Water)	Nitrite as Nitrogen	APHA 24th Edition 4500-NO2 B
27	CHEMICAL- POLLUTION & ENVIRONMENT	Liquid Effluent (Effluent Water/STP Water)	Oil and Grease	IS 3025 (Part 39, Method A)
28	CHEMICAL- POLLUTION & ENVIRONMENT	Liquid Effluent (Effluent Water/STP Water)	pH @25°C	APHA 24th Edition 4500-H+ B
29	CHEMICAL- POLLUTION & ENVIRONMENT	Liquid Effluent (Effluent Water/STP Water)	Phosphate as Phosphorus	APHA 24th Edition 4500-P D
30	CHEMICAL- POLLUTION & ENVIRONMENT	Liquid Effluent (Effluent Water/STP Water)	Sulphate as (SO42-)	APHA 24th Edition 4500-SO4 E
31	CHEMICAL- POLLUTION & ENVIRONMENT	Liquid Effluent (Effluent Water/STP Water)	Temperature	APHA 24th Edition 2550 B
32	CHEMICAL- POLLUTION & ENVIRONMENT	Liquid Effluent (Effluent Water/STP Water)	Total Dissolved Solids (Dried at 180°C)	APHA 24th Edition 2540 C
33	CHEMICAL- POLLUTION & ENVIRONMENT	Liquid Effluent (Effluent Water/STP Water)	Total Suspended Solids (Dried at 103-105°C)	APHA 24th Edition 2540 D
34	CHEMICAL- POLLUTION & ENVIRONMENT	Liquid Effluent (Effluent Water/STP Water)	Phosphate as (PO4 3-)	APHA 24th Edition 4500-P D
35	CHEMICAL- WATER	Ground Water (Borewell/Openwell)	Ammoniacal Nitrogen	APHA 24th Edition 4500-NH3 F
36	CHEMICAL- WATER	Ground Water (Borewell/Openwell)	Bio Chemical Oxygen Demand (3 Days @ 27°C)	IS 3025 (Part 44)
37	CHEMICAL- WATER	Ground Water (Borewell/Openwell)	Bio Chemical Oxygen Demand (5 Days @ 20°C)	APHA 24th Edition 5210-B
38	CHEMICAL- WATER	Ground Water (Borewell/Openwell)	Calcium (as Ca)	APHA 24th Edition 3500-Ca B
39	CHEMICAL- WATER	Ground Water (Borewell/Openwell)	Calcium Hardness (as CaCO3)	APHA 24th Edition 3500-Ca B
40	CHEMICAL- WATER	Ground Water (Borewell/Openwell)	Chemical Oxygen Demand	IS 3025 (Part 58)
41	CHEMICAL- WATER	Ground Water (Borewell/Openwell)	Chloride (as Cl-)	APHA 24th Edition 4500-Cl B



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42	CHEMICAL- WATER	Ground Water (Borewell/Openwell)	Conductivity @25°C	APHA 24th Edition 2510 B
43	CHEMICAL- WATER	Ground Water (Borewell/Openwell)	Fluoride	APHA 24th Edition 4500-F D
44	CHEMICAL- WATER	Ground Water (Borewell/Openwell)	Hexavalent Chromium (as Cr6+)	APHA 24th Edition 3500-Cr B
45	CHEMICAL- WATER	Ground Water (Borewell/Openwell)	Magnesium (as Mg)	APHA 24th Edition 3500-Mg B
46	CHEMICAL- WATER	Ground Water (Borewell/Openwell)	Magnesium Hardness (as CaCO ₃)	APHA 24th Edition 3500-Mg B
47	CHEMICAL- WATER	Ground Water (Borewell/Openwell)	Nitrate as Nitrogen	APHA 24th Edition 4500-NO ₃ B
48	CHEMICAL- WATER	Ground Water (Borewell/Openwell)	Nitrate as Nitrogen	APHA 24th Edition 4500-NO ₃ E
49	CHEMICAL- WATER	Ground Water (Borewell/Openwell)	Nitrite as Nitrogen	APHA 24th Edition 4500-NO ₂ B
50	CHEMICAL- WATER	Ground Water (Borewell/Openwell)	pH @25°C	APHA 24th Edition 4500-H+ B
51	CHEMICAL- WATER	Ground Water (Borewell/Openwell)	Phenolphthalein Alkalinity (as CaCO ₃)	APHA 24th Edition 2320 B
52	CHEMICAL- WATER	Ground Water (Borewell/Openwell)	Phosphate as (PO ₄ 3-)	APHA 24th Edition 4500-P D
53	CHEMICAL- WATER	Ground Water (Borewell/Openwell)	Phosphate as Phosphorus	APHA 24th Edition 4500-P D
54	CHEMICAL- WATER	Ground Water (Borewell/Openwell)	Potassium (as K)	APHA 24th Edition 3500-K B
55	CHEMICAL- WATER	Ground Water (Borewell/Openwell)	Sodium (as Na)	APHA 24th Edition 3500-Na B
56	CHEMICAL- WATER	Ground Water (Borewell/Openwell)	Sodium Adsorption Ratio (SAR)	IS 11624
57	CHEMICAL- WATER	Ground Water (Borewell/Openwell)	Sulphate (as SO ₄ 2-)	APHA 24th Edition 4500-SO ₄ E
58	CHEMICAL- WATER	Ground Water (Borewell/Openwell)	Temperature	APHA 24th Edition 2550 B
59	CHEMICAL- WATER	Ground Water (Borewell/Openwell)	Total Alkalinity (as CaCO ₃)	APHA 24th Edition 2320 B
60	CHEMICAL- WATER	Ground Water (Borewell/Openwell)	Total Dissolved Solids (Dried at 180°C)	APHA 24th Edition 2540 C
61	CHEMICAL- WATER	Ground Water (Borewell/Openwell)	Total Fixed Solids (Ignited at 550°C)	APHA 24th Edition 2540 E
62	CHEMICAL- WATER	Ground Water (Borewell/Openwell)	Total Hardness (as CaCO ₃)	APHA 24th Edition 2340 C
63	CHEMICAL- WATER	Ground Water (Borewell/Openwell)	Total Suspended Solids (Dried at 103-105°C)	APHA 24th Edition 2540 D
64	CHEMICAL- WATER	Ground Water (Borewell/Openwell)	Turbidity	APHA 24th Edition 2130 B
65	CHEMICAL- WATER	Surface Water (River/Lake/Pond)	Fluoride	APHA 24th Edition 4500-F D
66	CHEMICAL- WATER	Surface Water (River/Lake/Pond)	Hexavalent Chromium (as Cr6+)	APHA 24th Edition 3500-Cr B
67	CHEMICAL- WATER	Surface Water (River/Lake/Pond)	Total Fixed Solids (Ignited at 550°C)	APHA 24th Edition 2540 E
68	CHEMICAL- WATER	Surface Water (River/Lake/Pond/Sea)	Phosphate (as PO ₄)	APHA 24th Edition 4500-P D
69	CHEMICAL- WATER	Surface Water (River/Lake/Pond/Sea)	Ammoniacal-N	APHA 24th Edition 4500-NH ₃ F



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70	CHEMICAL- WATER	Surface Water (River/Lake/Pond/Sea)	Bio Chemical Oxygen Demand (3 Days @27°C)	IS 3025 (Part 44)
71	CHEMICAL- WATER	Surface Water (River/Lake/Pond/Sea)	Bio Chemical Oxygen Demand (5 Days @20°C)	APHA 24th Edition 5210 B
72	CHEMICAL- WATER	Surface Water (River/Lake/Pond/Sea)	Calcium (as Ca)	APHA 24th Edition 3500-Ca B
73	CHEMICAL- WATER	Surface Water (River/Lake/Pond/Sea)	Calcium Hardness (as CaCO ₃)	APHA 24th Edition 3500-Ca B
74	CHEMICAL- WATER	Surface Water (River/Lake/Pond/Sea)	Chemical Oxygen Demand	IS 3025 (Part 58)
75	CHEMICAL- WATER	Surface Water (River/Lake/Pond/Sea)	Chloride (as Cl ⁻)	APHA 24th Edition 4500-Cl B
76	CHEMICAL- WATER	Surface Water (River/Lake/Pond/Sea)	Conductivity @25°C	APHA 24th Edition 2510 B
77	CHEMICAL- WATER	Surface Water (River/Lake/Pond/Sea)	Dissolved Oxygen	APHA 24th Edition 4500-O C
78	CHEMICAL- WATER	Surface Water (River/Lake/Pond/Sea)	Magnesium (as Mg)	APHA 24th Edition 3500-Mg B
79	CHEMICAL- WATER	Surface Water (River/Lake/Pond/Sea)	Magnesium Hardness (as CaCO ₃)	APHA 24th Edition 3500-Mg B
80	CHEMICAL- WATER	Surface Water (River/Lake/Pond/Sea)	Nitrate - N	APHA 24th Edition 4500-NO ₃ B
81	CHEMICAL- WATER	Surface Water (River/Lake/Pond/Sea)	Nitrate - N	APHA 24th Edition 4500-NO ₃ E
82	CHEMICAL- WATER	Surface Water (River/Lake/Pond/Sea)	Nitrite - N	APHA 24th Edition 4500-NO ₂ B
83	CHEMICAL- WATER	Surface Water (River/Lake/Pond/Sea)	pH @25°C	APHA 24th Edition 4500-H+ B
84	CHEMICAL- WATER	Surface Water (River/Lake/Pond/Sea)	Phenolphthalein Alkalinity (as CaCO ₃)	APHA 24th Edition 2320 B
85	CHEMICAL- WATER	Surface Water (River/Lake/Pond/Sea)	Phosphate as Phosphorus	APHA 24th Edition 4500-P D
86	CHEMICAL- WATER	Surface Water (River/Lake/Pond/Sea)	Potassium (as K)	APHA 24th Edition 3500-K B
87	CHEMICAL- WATER	Surface Water (River/Lake/Pond/Sea)	Sodium (as Na)	APHA 24th Edition 3500-Na B
88	CHEMICAL- WATER	Surface Water (River/Lake/Pond/Sea)	Sodium Adsorption Ratio (SAR)	IS 11624
89	CHEMICAL- WATER	Surface Water (River/Lake/Pond/Sea)	Sulphate (as SO ₄ ²⁻)	APHA 24th Edition 4500-SO ₄ E
90	CHEMICAL- WATER	Surface Water (River/Lake/Pond/Sea)	Temperature	APHA 24th Edition 2550 B
91	CHEMICAL- WATER	Surface Water (River/Lake/Pond/Sea)	Total Alkalinity as CaCO ₃	APHA 24th Edition 2320 B
92	CHEMICAL- WATER	Surface Water (River/Lake/Pond/Sea)	Total Dissolved Solids dried at 180°C	APHA 24th Edition 2540 C
93	CHEMICAL- WATER	Surface Water (River/Lake/Pond/Sea)	Total Hardness as CaCO ₃	APHA 24th Edition 2340 C
94	CHEMICAL- WATER	Surface Water (River/Lake/Pond/Sea)	Total Suspended Solids (Dried at 103-105°C)	APHA 24th Edition 2540 D
95	CHEMICAL- WATER	Surface Water (River/Lake/Pond/Sea)	Turbidity	APHA 24th Edition 2130 B