



National Accreditation Board for  
Testing and Calibration Laboratories

**CERTIFICATE OF ACCREDITATION**

**CENTRAL INSTITUTE OF FISHERIES EDUCATION**

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

PANCH MARG, YARI ROAD, VERSOVA, MUMBAI, MAHARASHTRA, INDIA

in the field of

**TESTING**

Certificate Number: TC-14607

Issue Date: 26/09/2024

Valid Until: 25/09/2026

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](http://www.nabl-india.org))

Name of Legal Entity: ICAR-CENTRAL INSTITUTE OF FISHERIES EDUCATION

Signed for and on behalf of NABL



N. Venkateswaran  
Chief Executive Officer



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :**

CENTRAL INSTITUTE OF FISHERIES EDUCATION, PANCH MARG, YARI ROAD, VERSOVA, MUMBAI,  
MAHARASHTRA, INDIA

**Accreditation Standard**

ISO/IEC 17025:2017

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**Validity**

26/09/2024 to 25/09/2026

**Last Amended on**

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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	BIOLOGICAL-MOLECULAR ANALYSIS (TESTS FOR VARIOUS MATRICES-HUMAN, PLANTS, ANIMAL, MICROBIAL)	Fish	Detection of Red Seabream Iridovirus (RSIV)	WOAH Manual of Diagnostic Tests for Aquatic Animals (Red Sea Bream Iridoviral Disease - Chapter 2.3.7), WOAH Manual 10th Edition (Page No. 332-343, Method Page No. 338)
2	BIOLOGICAL-MOLECULAR ANALYSIS (TESTS FOR VARIOUS MATRICES-HUMAN, PLANTS, ANIMAL, MICROBIAL)	Fish	Detection of Tilapia Lake Virus	WOAH Manual of Diagnostic Tests for Aquatic Animals, OIE Document on Diagnosis by Tsofack et. al.
3	BIOLOGICAL-MOLECULAR ANALYSIS (TESTS FOR VARIOUS MATRICES-HUMAN, PLANTS, ANIMAL, MICROBIAL)	Fish	Detection of Tilapia Parvo Virus	SOP No.: SOP-AAHM-TPV-TM-1 (Issue No.: 1, Issue Date: 01.11.2023)
4	BIOLOGICAL-MOLECULAR ANALYSIS (TESTS FOR VARIOUS MATRICES-HUMAN, PLANTS, ANIMAL, MICROBIAL)	Fish & Shrimps	Detection of Acute Hepatopancreatic Necrosis Disease	WOAH Manual of Diagnostic Tests for Aquatic Animals 10th Edition (Acute Hepatopancreatic Necrosis Disease - Chapter 2.2.1, Page No. 1-14, Method Page No. 9)
5	BIOLOGICAL-MOLECULAR ANALYSIS (TESTS FOR VARIOUS MATRICES-HUMAN, PLANTS, ANIMAL, MICROBIAL)	Fish & Shrimps	Detection of Enterocytozoon Hepatopenaei (EHP)	SOP No.: SOP-AAHM-EHP-TM-01 (Issue No.: 1, Issue Date: 01.11.2023)



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6	BIOLOGICAL-MOLECULAR ANALYSIS (TESTS FOR VARIOUS MATRICES-HUMAN, PLANTS, ANIMAL, MICROBIAL)	Fish & Shrimps	Detection of Infectious Hypodermal and Hematopoietic Necrosis Virus (IHHNV)	WOAH Manual of Diagnostic Tests for Aquatic Animals 10th Edition (Infection with Infectious Hypodermal and Hematopoietic Necrosis Virus - Chapter 2.2.4, Page No. 1-15, Method Page No. 10)
7	BIOLOGICAL-MOLECULAR ANALYSIS (TESTS FOR VARIOUS MATRICES-HUMAN, PLANTS, ANIMAL, MICROBIAL)	Fish & Shrimps	Detection of Infectious Myonecrosis Virus (IMNV)	WOAH Manual of Diagnostic Tests for Aquatic Animals 10th Edition (Infection With Infectious Myonecrosis Virus - Chapter 2.2.5, Page No. 1-12, Method Page No. 8)
8	BIOLOGICAL-MOLECULAR ANALYSIS (TESTS FOR VARIOUS MATRICES-HUMAN, PLANTS, ANIMAL, MICROBIAL)	Fish & Shrimps	Detection of Taura Syndrome Virus (TSV)	WOAH Manual of Diagnostic Tests for Aquatic Animals 10th Edition (Infection with Taura Syndrome Virus - Chapter 2.2.7, Page No. 1-16, Method Page No. 10)
9	BIOLOGICAL-MOLECULAR ANALYSIS (TESTS FOR VARIOUS MATRICES-HUMAN, PLANTS, ANIMAL, MICROBIAL)	Fish & Shrimps	Detection of Yellow Head Virus (YHV)	WOAH Manual of Diagnostic Tests for Aquatic Animals (Infection with Yellow Head Virus Genotype 1 - Chapter 2.2.9), WOAH Manual 10th Edition (Page No. 209-221, Method Page No. 214)





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10	BIOLOGICAL- MOLECULAR ANALYSIS (TESTS FOR VARIOUS MATRICES- HUMAN, PLANTS, ANIM AL, MICROBIAL)	Fish and Shellfish	Detection of White Spot Syndrome Virus	WOAH Manual of Diagnostic Tests for Aquatic Animals 10th Edition (Infection with White Spot Syndrome Virus - Chapter 2.2.8, Page No. 1-17, Method Page No. 9)
11	BIOLOGICAL- MOLECULAR ANALYSIS (TESTS FOR VARIOUS MATRICES- HUMAN, PLANTS, ANIM AL, MICROBIAL)	Fish or Shellfish or Processed Fish Products	Species Identification	SOP No.: SOP-FGB-DB- TM-01 (Issue No.: 1, Issue Date: 01.05.2023)
12	CHEMICAL- ANIMAL FOOD & FEEDS	Fish / Shrimp Feed	Crude Fat	AOAC Official Methods of Analysis, 22nd Edition (AOAC 2003.05, Chapter 4.5.05)
13	CHEMICAL- ANIMAL FOOD & FEEDS	Fish / Shrimp Feed	Crude Fibre	AOAC Official Methods of Analysis, 22nd Edition (AOAC 978.10, Chapter 4.6.02)
14	CHEMICAL- ANIMAL FOOD & FEEDS	Fish / Shrimp Feed	Crude Protein	AOAC Official Methods of Analysis, 22nd Edition (AOAC 2001.11, Chapter 4.2.11)
15	CHEMICAL- ANIMAL FOOD & FEEDS	Fish / Shrimp Feed	Moisture	AOAC Official Methods of Analysis, 22nd Edition (AOAC 934.01, Chapter 4.1.03)
16	CHEMICAL- ANIMAL FOOD & FEEDS	Fish / Shrimp Feed	Total Ash	AOAC Official Methods of Analysis, 22nd Edition (AOAC 942.05, Chapter 4.1.10)
17	CHEMICAL- WATER	Surface Water	Ammonia (as NH <sub>3</sub> )	APHA 24th Edition, 4500 NH <sub>3</sub> -F
18	CHEMICAL- WATER	Surface Water	Chloride (as Cl <sup>-</sup> )	APHA 24th Edition, 4500 Cl <sup>-</sup> -B



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19	CHEMICAL- WATER	Surface Water	Chlorine (Residual)	APHA 24th Edition, 4500 Cl-B
20	CHEMICAL- WATER	Surface Water	Dissolved Oxygen	APHA 24th Edition, 4500 O-B
21	CHEMICAL- WATER	Surface Water	Electrical Conductivity	APHA 24th Edition, 2510 B
22	CHEMICAL- WATER	Surface Water	Nitrite (as NO <sub>2</sub> )	APHA 24th Edition, 4500 NO <sub>2</sub> -B
23	CHEMICAL- WATER	Surface Water	pH	SOP No.: 02-E (Issue No.: 1, Issue Date: 06.11.2023)
24	CHEMICAL- WATER	Surface Water	Salinity	SOP No.: AQC-SL-01 (Issue No.: 1; Issue Date: 06.11.2023)
25	CHEMICAL- WATER	Surface Water	Temperature	SOP No.: AQC-TP-01 (Issue No.: 1, Issue Date: 06.11.2023)
26	CHEMICAL- WATER	Surface Water	Total Alkalinity (as CaCO <sub>3</sub> )	SOP No.: AQC-TA-01 (Issue No.: 1, Issue Date: 06.11.2023)
27	CHEMICAL- WATER	Surface Water	Total Dissolved Solids	SOP No.: AQC-TH-01 (Issue No.: 1; Issue Date: 06.11.2023)
28	CHEMICAL- WATER	Surface Water	Total Hardness (as CaCO <sub>3</sub> )	APHA 24th Edition, 2340 C
29	CHEMICAL- WATER	Surface Water	Turbidity	APHA 24th Edition, 2130 B



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Permanent Site Facility				
1	BIOLOGICAL-MOLECULAR ANALYSIS (TESTS FOR VARIOUS MATRICES-HUMAN, PLANTS, ANIMAL, MICROBIAL)	Fish or Shellfish or Processed Fish Products	Detection of Salmonella sp.	FDA's Bacteriological Analytical Manual (Chapter 5)
2	BIOLOGICAL-MOLECULAR ANALYSIS (TESTS FOR VARIOUS MATRICES-HUMAN, PLANTS, ANIMAL, MICROBIAL)	Fish or Shellfish or Processed Fish Products	Detection of Vibrio cholerae	FDA's Bacteriological Analytical Manual (Chapter 9)