



# ACCREDITATION CERTIFICATE

Issued under the authority of Bangladesh Accreditation Act, 2006  
by Bangladesh Accreditation Board (BAB), Ministry of Industries to

**Quality Control Laboratory (QCL), Department of Fisheries**

**Fish Inspection and Quality Control Building**  
**3, Jalil Sarani, Boyra, Khulna - 9000, Bangladesh**

This is to certify that this

**Testing Laboratory**

is accredited in accordance with the international standard

**ISO/IEC 17025:2017**

in respect of the associated scope, subject to the terms and  
conditions governing the relevant conformity assessment  
body (CAB) accreditation.

Certificate Number : 01.014.14  
Accreditation Date : 29 May 2014  
Date of Issuance : 24 November 2024(4th Renewal)  
Date of Expiration : 28 May 2027



*24.11.2024*  
Md. Anwarul Alam  
Director General

This certificate must be returned on request; reproduction must follow BAB guidelines. For the specific  
scopes to which this accreditation applies, please refer to the Directory of CABs at BAB website.

## SCOPE OF ACCREDITATION

(For Testing Laboratory)

**CAB Name & Address:** Quality Control Laboratory, Department of Fisheries  
 3 Jalil Sarani, Boyra, Khulna-9000.

Accreditation Standard:	ISO/IEC 17025:2017	Accreditation Date:	29 May 2014
Certificate Number:	01.014.14	Issued on:	24 November 2024
Last Amended on:	N/A	Valid until:	28 May 2027
Amendment no:	N/A		

S.N.	Products/ Materials/ Items of test	Type of tests performed	Specifications/ Standard test methods/Techniques used	Range of testing/Limit of detection
<b>Field: Microbiology</b>				
1.	Frozen Fish and Crustacea	Enumeration of microorganism by colony counting Techniques at 30°C	TMSOP/M01 ( ISO 4833-1:2013)	<10 cfu/g
2.	Frozen Fish and Crustacea	Isolation and detection of <i>Salmonella</i> spp	TMSOP/M02 ( ISO 6579-1:2017)	Present/Absent in 25g
3.	Frozen Fish and Crustacea	Detection and <i>V. cholerae</i>	TMSOP M/05 ( ISO 21872-1:2017)	Present/Absent in 25g
4.	Frozen Fish and Crustacea	Detection of <i>V.parahaemolyticus</i>	TMSOP/M06 ( ISO 21872-1:2017)	Present/Absent in 25g
5.	Frozen Fish and Crustacea	Detection of <i>Listeria monocytogenes</i>	TMSOP/M07 ( ISO 11290-1:2017)	Present/Absent in 25g
6.	Frozen Fish and Crustacea	Enumeration of Coagulase positive <i>Staphylococcus aureus</i>	TMSOP/M08 ( ISO6888-1:2021)	<10 cfu/g
7.	Frozen Fish and Crustacea	Detection & Enumeration of Coliforms (MPN technique)	TMSOP/M03 (ISO 4831:2009)	<0.3MPN/g
8.	Frozen Fish and Crustacea	Detection & Enumeration of Presumptive <i>Escherichia coli</i> (MPN technique)	TMSOP/M 04 (ISO 7251:2009)	<0.3MPN/g
9.	Frozen Fish and Crustacea	Enumeration of β-glucuronidase positive <i>Escherichia coli</i> (MPN technique)	TMSOP/M 30 (ISO 16649-3:2015)	<0.3MPN/g
10.	Animal Tissue	Detection of White spot syndrome Virus (WSSV) by PCR/qPCR Technique	TMSOP/M 14 (WOAH Method)	Positive/Negative
11.	Animal Tissue	Detection of Yellow Head Virus (YHV) by PCR/qPCR Technique	TMSOP/M 15 (WOAH Method)	Positive/Negative
12.	Animal Tissue	Detection of Hepatopancreatic Necrosis Disease (AHPND)/Early Mortality Syndrome (EMS) PCR/qPCR Technique	TMSOP/M 16 (WOAH Method)	Positive/Negative
13.	Animal Tissue	Detection of Infections Hypodermal and Hematopoietic Necrosis Virus (IHNNV) ByPCR/qPCR Technique.	TMSOP/M 17 (WOAH Method)	Positive/Negative
14.	Animal Tissue	Detection of Taura Syndrome Virus (TSV) ByPCR/qPCR Technique.	TMSOP/M 18 (WOAH Method)	Positive/Negative
15.	Animal Tissue	Detection of InfectonsMyonecrosis Virus (IMNV) by PCR/qPCR Technique	TMSOP/M 20 (WOAH Method)	Positive/Negative

Quality Manager

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<b>S.N.</b>	<b>Products/ Materials/ Items of test</b>	<b>Type of tests performed</b>	<b>Specifications/ Standard test methods/Techniques used</b>	<b>Range of testing/Limit of detection</b>
16.	Animal Tissue	Detection of MacrobrachiumRosenbergii Noda virus (MrNV) in By PCR/qPCR Technique	TMSOP/M 21 (WOAH Method)	Positive/Negative
17.	Animal Tissue	Detection of Necrotizing Hepatic-pancreatitis Bacterium (NHPB) by PCR/qPCR Technique.	TMSOP/M 19 (WOAH Method)	Positive/Negative
18.	Potable Water and Ice	Enumeration of Culturable Micro-organisms (Colony count-pour plate Technique.	TMSOP/M 09 (ISO 6222:1999)	<10 cfu/ml
19.	Potable Water and Ice	Water Quality- Detection of Salmonella spp.	TMSOP/M 11 (ISO 19250:2010)	Present/Absent in 100 ml
20.	Potable Water and Ice	Water quality-Detection and Enumeration of fecal coliforms and total coliform bacterial count	TMSOP/M 10 (ISO 9308-1:2014 &FAO ref.Centre Generic Protocol,BAM)	<1.8/100ml & 1cfu/100ml

**Field: Chemistry**

1.	Fish, Shrimp and Crab Muscle	Determination of Chloramphenicol (CAP) by Using ELISA	TMSOP/C 01	0.15 ppb
2.	Fish, Shrimp and Crab Muscle	Determination of Nitrofuran Metabolites (AOZ, AMOZ, AHD, SEM) by Using ELISA	TMSOP/C 11	AOZ 0.25 ppb AMOZ 0.25 ppb AHD 0.25 ppb SEM 0.5 ppb
3.	Fish, Shrimp and Crab Muscle	Determination of Tetracyclines (TTC, CTC & OTC) by Using ELISA	TMSOP/C 15	50 ppb
4.	Fish, Shrimp and Crab Muscle	Determination of Dyes (MG, LMG, CV, LCV) by Using ELISA	TMSOP/C 03	0.5 ppb
5.	Fish, Shrimp and Crab Muscle	Determination of Tylosin by Using ELISA	TMSOP/C 06	50 ppb
6.	Fish, Shrimp and Crab Muscle	Determination of Amoxicillin by Using ELISA	TMSOP/C 25	25 ppb
7.	Fish, Shrimp and Crab Muscle	Determination of Sulfonamides by Using ELISA	TMSOP/C 07	50 ppb
8.	Fish, Shrimp and Crab Muscle	Determination of Gentamycin by Using ELISA	TMSOP/C 08	25 ppb
9.	Fish, Shrimp and Crab Muscle	Quantification of Tetracyclines (OTC, TTC, CTC) using UPLC	TMSOP/C 12	50 ppb

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Quality Manager