



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 : **05 September 2022**
Date of Expiration : **28 May 2024**



Md. Monwarul Islam
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
 Fish Inspection and Quality Control Building; Khulna - 9000

Accreditation Standard: ISO/IEC 17025:2017

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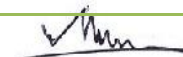
Issued on: 5 September 2022

Last Amended on: -

Valid until: 28 May 2024

Amendment no: -

S.N.	Products/ Materials/ Items of test	Type of tests performed	Specifications/ Standard test methods/Techniques used	Range of testing/Limit of detection
Field: Microbiology				
1.	Frozen Fish and Crustacea	Enumeration of microorganism by colony counting Techniques at 30 ^o C	TMSOP/M01 (ISO 4833-1:2013)	<10 cfu/g
2.	Frozen Fish and Crustacea	Isolation and detection of Salmonella 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 (ISO6888-1:2009 AMD2:2018)	<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	TMSOP/M 17 (WOAH Method)	Positive/Negative


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		(IHNNV) ByPCR/qPCR Technique.		
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
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 (Most Probable Number Technique.	TMSOP/M 10 (BDS 1414:2000)	<1.1MPN >23 MPN/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 Nitrofurans 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


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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

END



 Quality Manager