



## Bangladesh Accreditation Board (BAB)

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# Certificate of Accreditation

This is to certify that

**Quality Control Laboratory (QCL), Department of Fisheries**  
**Fish Inspection and Quality Control Building**  
**3, Jalil Sarani, Boyra, Khulna - 9000, Bangladesh**

has been granted accreditation in respect of the scope of accreditation described in the attached document, subject to the terms and conditions governing the relevant Conformity Assessment Body (CAB) accreditation

This Testing Laboratory having met the requirements of ISO/IEC 17025:2005 and the BAB, is accredited for Food Testing (chemical & microbiological) as described in the associated Scope of Accreditation.



**Certificate Number : 01.014.14**

**Issued on : 10 October 2018**

**Accreditation Date : 29 May 2014**

**Valid until : 28 May 2021**

**Md. Monwarul Islam**

**Director General**

**Bangladesh Accreditation Board (BAB)**

**SCOPE OF ACCREDITATION**  
(For Testing Laboratory)

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

**Accreditation Standard:** ISO/IEC 17025:2005

**Accreditation Date:** 29 May 2014

**Certificate Number:** 01.014.14

**Issued on:** 10 October 2018

**Last Amended on:** 10 October 2018

**Valid until:** 28 May 2021

**Amendment no:** 01

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: Chemistry</b>				
1.	Fish, Shrimp and Crab Muscle	Determination of Chloramphenicol (CAP) by Using ELISA	TMSOP/C 01	<0.15 µg/kg
2.	Fish, Shrimp and Crab Muscle	Determination of Dyes (Malachite Green-MG, Leuco Malachite Green-LMG, Crystal Violet-CV & Leuco Crystal Violet-LCV) by Using ELISA	TMSOP/C 03	≤1.00 µg/kg
3.	Fish, Shrimp and Crab Muscle	Determination of Mercury (Hg) by Using Cold Vapor-AAS	TMSOP/C 04	Shrimp-0.02 mg/kg Fish-0.03 mg/kg
4.	Fish, Shrimp and Crab Muscle	Determination of Lead (Pb) by Using Graphite Furnace-AAS	TMSOP/C 09	Shrimp-0.02 mg/kg Fish-0.023 mg/kg
5.	Fish, Shrimp and Crab Muscle	Determination of Chromium (Cr) by Using Graphite Furnace-AAS	TMSOP/C 10	Shrimp-0.04 mg/kg Fish-0.013 mg/kg
6.	Fish, Shrimp and Crab Muscle	Determination of Nitrofurans Metabolites (AOZ, AMOZ, AHD, SEM) by Using ELISA	TMSOP/C 11	AOZ <0.5 µg/kg AMOZ <0.5 µg/kg AHD <0.5 µg/kg SEM <0.75 µg/kg
7.	Fish, Shrimp and Crab Muscle	Determination of Tetracyclines (TTC, CTC & OTC) by Using ELISA	TMSOP/C 15	≤ 50 µg/kg
8.	Fish, Shrimp and Crab Muscle	Determination of Cadmium (Cd) by Using Graphite Furnace-AAS	TMSOP/C 17	Shrimp-0.05 mg/kg Fish-0.002 mg/kg

\*\*\*END\*\*\*

  
 Quality Manager

**SCOPE OF ACCREDITATION**

(For Testing Laboratory)

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

Accreditation Standard: ISO/IEC 17025:2005

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Last Amended on: 10 October 2013

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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.	Fish, Shrimp and Crab	Enumeration of microorganism by colony counting Techniques at 30 <sup>0</sup> c	TMSOP/M01 (BDS ISO 4833:2009)	<10 cfu/g
2.	Fish, Shrimp and Crab	Isolation and detection of <i>Salmonella</i> spp.	TMSOP/M02 (BDS ISO 6579:2009)	Present/Absent in 25g
3.	Fish, Shrimp and Crab	Detection and Enumeration of coliforms	TMSOP M/03 BDS ISO 4831:2009	<0.3MPN/g
4.	Fish, Shrimp and Crab	Detection & Enumeration of Presumptive <i>Escherichia coli</i>	TMSOP/M04 (BDS ISO 7251:2009)	<0.3MPN/g
5.	Fish, Shrimp and Crab	Detection of <i>Vibrio cholerae</i>	TMSOP/M05 (BDS ISO/TS 21872- 1:2009)	Present/Absent in 25g
6.	Fish, Shrimp and Crab	Detection of <i>Vibrio parahaemolyticus</i>	TMSOP/M06 (BDS ISO/TS21872- 1:2009)	Present/Absent in 25g
7.	Fish, Shrimp and Crab	Detection of <i>Listeria monocytogenes</i>	TMSOP/M07 (BDS-ISO 11290-1:2009)	Present/Absent in 25g
8.	Fish, Shrimp and Crab	Enumeration of <i>Staphylococcus aureus</i> (coagulase-positive)	TMSOP/M08 (BDS-ISO 6888-1:2009)	<10 cfu/g

  
 Quality Manager