



# 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, C & B More, Savar  
Dhaka, 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 : **01.005.13**  
Accreditation Date : **28 May 2013**  
Date of Issuance : **25 August 2022**  
Date of Expiration : **27 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)

<b>CAB Name &amp; Address:</b>	<b>Quality Control Laboratory, Department of Fisheries, C &amp; B Moor, Savar, Dhaka, Bangladesh</b>		
<b>Accreditation Standard:</b>	ISO/IEC 17025:2017	<b>Accreditation Date:</b>	28 May 2013
<b>Certificate Number:</b>	01.005.13	<b>Issued on:</b>	25 August 2022
<b>Last Amended on:</b>	-	<b>Valid until:</b>	27 May 2024
<b>Amendment no:</b>	-		

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: Chemical analysis (Food &amp; Feed)</b>				
1.	Fish, Shrimp, Crab & Eel muscle	Determination of Nitrofuran Metabolites by LCMSMS ➤ 3-Amino-5-morpholinomethyl-2- oxazole (AMOZ) ➤ 3-Amino-2-oxalidinone (AOZ) ➤ 1-Aminohydantoin (AHD) ➤ Semicarbazide (SEM)	TMSOP/C/03	CC $\alpha$  0.32 ppb  0.26 ppb 0.19 ppb 0.34 ppb
2.	Fish, Shrimp, Crab & Eel muscle	Determination of Chloramphenicol by LCMSMS	TMSOP/C/01	CC $\alpha$ 0.08 ppb
3.	Fish, Shrimp, Crab & Eel muscle	Determination of Metronidazole by LCMSMS	TMSOP/C/07	CC $\alpha$ 0.20 ppb
4.	Fish, Shrimp, Crab & Eel muscle	Determination of Dyes by LCMSMS ➤ Malachite Green (MG) ➤ Leucomalachite Green (LMG) ➤ Crystal Violet (CV) ➤ Leucocrystal Violet (LCV)	TMSOP/C/06	CC $\alpha$ 0.32 ppb 0.22 ppb 0.45 ppb 0.25 ppb
5.	Fish, Shrimp, Crab & Eel muscle	Determination of Anthelmintics by LCMSMS ➤ Mebendazole ➤ Fenbendazole ➤ Flubendazole	TMSOP/C/05	CC $\alpha$  0.54 ppb 0.53 ppb 5.60 ppb
6.	Fish feed	Determination of Chloramphenicol by LCMSMS	TMSOP/C/02	CC $\alpha$ 2.9 ppb
7.	Fish, Shrimp, Crab & Eel muscle	Determination of Heavy Metals by ICPMS ➤ Arsenic ➤ Cadmium ➤ Chromium ➤ Mercury ➤ Lead	TMSOP/C/10	LOQ  0.82 ppm 0.07 ppm 0.38 ppm 0.06 ppm 0.10 ppm

  
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 Quality Manager

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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: Microbiological analysis (Food &amp; Feed)</b>				
8.	Fish, Shrimp & Fish Feed	Enumeration of Microorganisms: Colony Count at 30 °C by pour plate technique (SPC/APC)	TMSOP/M/01 (BDS ISO 4833-1:2020)	≤ 10 cfu/gm
9.	Fish, Shrimp & Fish Feed	Detection and enumeration of Coliforms by Most Probable Number (MPN) Technique	TMSOP/M/02 (BDS ISO 4831:2009)	< 0.30 MPN/gm
10.	Fish, Shrimp & Fish Feed	Detection and enumeration of <i>E.</i> <i>coli</i> by Most Probable Number (MPN) Technique	TMSOP/M/11 (BDS ISO 16649-3:2019)	< 0.30 MPN/gm
11.	Fish, Shrimp & Fish Feed	Detection of <i>Salmonella</i> spp.	TMSOP/M/04 (BDS ISO 6579-1:2020)	Present or Absent in 25 gm
12.	Fish, Shrimp & Fish Feed	Detection of <i>Vibrio cholerae</i>	TMSOP/M/05 (BDS ISO 21872-1:2019)	Present or Absent in 25 gm
13.	Fish, Shrimp & Fish Feed	Detection of <i>Vibrio</i> <i>parahaemolyticus</i>	TMSOP/M/05 (BDS ISO 21872-1:2019)	Present or Absent in 25 gm

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Quality Manager