



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

**209 Muradpur (N.M. Khan Hill), P.O.: Amin Jute Mills
Panchlaish, Chittagong- 4211, Bangladesh.**

This is to certify that this

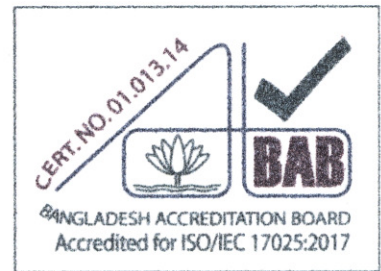
Testing Laboratory

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 : **01.013.14**
Accreditation Date : **29 May 2014**
Date of Issuance : **28 May 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.

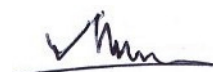
SCOPE OF ACCREDITATION

(For Testing Laboratory)

CAB Name & Address: **Quality Control Laboratory**
 Department of Fisheries, 209 Muradpur, (N. M. Khan Hill)
 P.O: Amin Jute Mills, Panchlaish, Chattogram-4211, Bangladesh.

Accreditation Standard:	ISO/IEC 17025:2017	Accreditation Date:	29 May 2014
Certificate Number:	01.013.14	Issued on:	28 May 2022
Last Amended on:	28 May 2022	Valid until:	28 May 2024
Amendment no:	02		

S.N.	Products/ Materials/ Items of test	Type of tests performed	Specifications/ Standard test methods/Techniques used	Range of testing/Limit of detection
Field: Chemical Testing				
1.	Shrimp & Fish muscle	Determination of Chloramphenicol (CAP) using ELISA.	TMSOP/C 01 (In-House Method)	0.075 µg/kg
2.	Shrimp & Fish muscle	Determination of Nitrofurans Metabolites (AOZ, AMOZ, AHD & SEM) using ELISA.	TMSOP/C 02 (In-House Method)	0.45 µg/kg
3.	Fish muscle	Determination of Diethylstilbestrol (DES) using ELISA.	TMSOP/C 03 (In-House Method)	0.85 µg/kg
4.	Fish muscle	Determination of Methyltestosterone (MTS) using ELISA.	TMSOP/C 07 (In-House Method)	0.75 µg/kg
5.	Shrimp & Fish muscle	Determination of Tetracyclines (OTC, TTC, CTC) using ELISA.	TMSOP/C 08 (In-House Method)	50 µg/kg
6.	Shrimp & Fish muscle	Determination of Dyes (MG, LMG, CV, LCV) using ELISA.	TMSOP/C 18 (In-House Method)	1 µg/kg
7.	Shrimp & Fish muscle	Determination of Histamine using ELISA.	TMSOP/C 27 (In-House Method)	50 mg/kg
8.	Shrimp & Fish Feed	Determination of Chloramphenicol (CAP) using ELISA.	TMSOP/C 16 (In-House Method)	0.25 µg/kg
9.	Shrimp & Fish Feed	Determination of Nitrofurans Metabolites (AOZ, AMOZ, AHD & SEM) using ELISA.	TMSOP/C 29 (In-House Method)	0.75 µg/kg



Quality Manager

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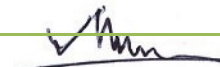
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10.	Shrimp & Fish Feed	Determination of Tetracyclines (OTC, TTC, CTC) using ELISA.	TMSOP/C 15 (In-House Method)	50 µg/kg
11.	Fish & shrimp muscle	Determination of TVBN & TMA	TMSOP/C 12 (Conway's Microdiffusion method)	mg/100g
12.	Dry Fish & Fishery products	Determination of Moisture content by Electronic Moisture Analyzer	TMSOP/C 14 (In-House Method)	0.01%
13.	Shrimp & Fish muscle	Determination of Tylosin using ELISA.	TMSOP/C 32 (In-House Method)	50 µg/kg
14.	Shrimp & Fish muscle	Determination of Amoxicillin using ELISA.	TMSOP/C 34 (In-House Method)	25 µg/kg
15.	Shrimp & Fish muscle	Determination of Sulfonamides using ELISA.	TMSOP/C 33 (In-House Method)	50 µg/kg
16.	Shrimp & Fish muscle	Determination of Gentamicin using ELISA.	TMSOP/C 35 (In-House Method)	25 µg/kg
17.	Shrimp & Fish muscle	Quantification of Tetracyclines (OTC, TTC, CTC) using UPLC.	TMSOP/C 36 (In-House Method)	100 µg/kg
18.	Shrimp & Fish muscle	Determination of Heavy metals (As, Pb, Cd, Cr, Hg) using ICPMS	TMSOP/C 37 (In-House Method)	As: 4.378 µg/kg Pb: 0.483 µg/kg Cd: 0.325 µg/kg Cr: 1.022 µg/kg Hg: 0.378 µg/kg

Field: Microbiological Testing

19.	Fish & Shrimp	Enumeration of microorganism by	TMSOP/M01	<10 cfu/g
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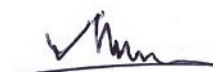
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		colony counting Techniques at 30 ⁰ C	(BDS ISO-4833:2009)	
20.	Fish & Shrimp	Isolation and detection of <i>Salmonella</i> spp.	TMSOP/M02 (BDS ISO-6579:2009)	Present/Absent in 25g
21.	Fish & Shrimp	Detection of <i>V. cholerae</i>	TMSOP/M05 (BDS ISO-21872- 1:2009)	Present/Absent in 25g
22.	Fish & Shrimp	Detection of <i>V. parahaemolyticus</i>	TMSOP/M06 (BDS ISO-21872- 1:2009)	Present/Absent in 25g
23.	Fish & Shrimp	Detection of <i>Listeria monocytogenes</i>	TMSOP/M07 (BDS-ISO-11290- 1:2009)	Present/Absent in 25g
24.	Fish & Shrimp	Enumeration of <i>Staphylococcus aureus</i> (coagulase-positive)	TMSOP/M08 (BDS-ISO-6888- 1:2009)	<10 cfu/g
25.	Fish & Shrimp	Enumeration of <i>Escherichia coli</i> (β - glucuronidase-positive)	TMSOP/M16 (BDS ISO-16649- 3:2009)	<0.3MPN/g
26.	Shrimp	Detection of White Spot Syndrome Virus by Real-Time PCR	TMSOP/M-28 (In-House Method)	10 copies/ μ L
27.	Shrimp	Detection of Yellow Head Virus by Real-Time PCR	TMSOP/M-29 (In-House Method)	10 copies/ μ L

END



Quality Manager