

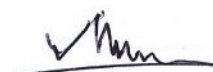
## SCOPE OF ACCREDITATION

(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.

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

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 Testing</b>				
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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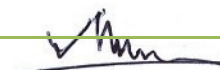
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10.	Shrimp & Fish Feed	Determination of Tetracyclines (OTC, TTC, CTC) using ELISA.	TMSOP/C 15 (In-House Method)	50 µg/kg
11.	Fish & shrimp muscle	Determination of TVBN & TMA	TMSOP/C 12 (Conway's Microdiffusion method)	mg/100g
12.	Dry Fish & Fishery 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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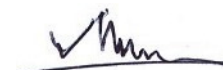
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S.N.	Products/ Materials/ Items of test	Type of tests performed	Specifications/ Standard test methods/Techniques used	Range of testing/Limit of detection
		colony counting Techniques at 30 <sup>o</sup> C	(BDS ISO-4833:2009)	
20.	Fish & Shrimp	Isolation 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> ( $\beta$ - 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/ $\mu$ L
27.	Shrimp	Detection of Yellow Head Virus by Real-Time PCR	TMSOP/M-29 (In-House Method)	10 copies/ $\mu$ L

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