

Laboratory	Central Institute of Fisheries Technology, Matsyapuri P.O., Willingdon. Island, Cochin, Kerala		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Biological Testing	Issue Date	05.08.2014
Certificate Number	T-1310	Valid Until	04.08.2016
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S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
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I. WATER

1. Water for Food processing	Heterotrophic Plate Count	APHA 22 nd Edn 2012 9215 pg 9.49 ISO 6222:1999	≥ 1CFU per ml
	Total Coliform count	APHA 22 nd Edn 2012 9222 B, pg 9.78 ISO 9308-1:2000	≥1 per 100 ml
	Fecal Coliform count	APHA 22 nd Edn 2012 9221 E, pg 9.74	≥1.8 MPN per 100 ml
	Escherichia coli	ISO 9308-1:2000 APHA 22 nd Edn 2012 9221 F, pg 9.75	≥1 per 100 ml
	Enterococci	ISO 7899-2:2000	≥1 per 100 ml
	<i>Clostridium perfringens</i>	CIFT/QAM/SOP/B-06 Issue No.1, Issue dated 01.01.2012	≥1 per 100 ml
	Proteolytic bacteria	IS 4251-1967	≥ 1.0 CFU per ml
	Lipolytic bacteria	IS 4251-1967	≥ 1.0 CFU per ml
2. Fish & Fish Products	Aerobic Plate Count	USFDA BAM Online January, 2001, Chapter 3 AOAC 2012 990.12	≥ 10 CFU per g
	Total Coliform count, Fecal Coliform count and <i>Escherichia coli</i>	USFDA BAM Online September,2002,Chapter 4 3 tube MPN 5 tube MPN	≥ 3.0 MPN per g ≥1.8 MPN per g

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Convenor**

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	Fish & Fish Products	Staphylococcus aureus (Coagulase positive staphylococci)	USFDA BAM Online January 2001, Chapter 12	≥ 10CFU per g
		Vibrio cholerae	USFDA BAM Online May 2004, Chapter 9	Present/Absent in 25 g
		V. parahaemolyticus	USFDA BAM Online May 2004 Chapter 9	≥0.3 in 50 g
		Salmonella	USFDA BAM Online November 2011 Chapter 5	Present/Absent in 25 g
		Listeria monocytogenes	USFDA BAM Online April 2011 Chapter 10	Present/Absent in 25 g
		Yeast and mold count	AOAC 2012 997.02	> 10 CFU per g
		White Spot Syndrome Virus (WSSV)	CIFT/SOP/MFB/008 Issue No.1, dated 04.10.2005 Revision No. 2, Revision date 15.07.2011	Present / Absent in 50 copies of DNA

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