



National Accreditation Board for
Testing and Calibration Laboratories

CERTIFICATE OF ACCREDITATION

**NATIONAL REFERRAL LABORATORY FOR
BRACKISHWATER AQUATIC ANIMAL DISEASES**

has been assessed and accredited in accordance with the standard

ISO/IEC 17025:2017

**"General Requirements for the Competence of Testing &
Calibration Laboratories"**

for its facilities at

ICAR-CENTRAL INSTITUTE OF BRACKISHWATER AQUACULTURE, 75, SANTHOME HIGH ROAD, M R C
NAGAR, R A PURAM, CHENNAI, TAMIL NADU, INDIA

in the field of

TESTING

Certificate Number: TC-17202

Issue Date: 02/12/2025

Valid Until: 01/12/2029

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the relevant requirements of NABL.
(To see the scope of accreditation of this laboratory, you may also visit NABL website www.nabl-india.org)

Name of Legal Entity: ICAR-CENTRAL INSTITUTE OF BRACKISHWATER AQUACULTURE

Signed for and on behalf of NABL



Anuja Anand
Director

Dr. Ramanand N. Shukla
Chief Executive Officer



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

NATIONAL REFERRAL LABORATORY FOR BRACKISHWATER AQUATIC ANIMAL DISEASES, ICAR-CENTRAL INSTITUTE OF BRACKISHWATER AQUACULTURE, 75, SANTHOME HIGH ROAD, M R C NAGAR, R A PURAM, CHENNAI, TAMIL NADU, INDIA

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Last Amended on

04/02/2026

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Testing				
1	BIOLOGICAL-MOLECULAR ANALYSIS (TESTS FOR VARIOUS MATRICES-HUMAN, PLANTS, ANIMAL, MICROBIAL)	Aquatic animals (Crustacean, Polychaetes, Faecal, Mollusc, Algae, Copepod, Artemia and Artemia Products, Post Larvae, Live/Frozen Shrimp and Crab, Feed and Feed additives for Aquaculture)	Acute hepatopancreatic Necrosis Diseases (AHPND) - Real Time - PCR	WOAH, 2.2.1
2	BIOLOGICAL-MOLECULAR ANALYSIS (TESTS FOR VARIOUS MATRICES-HUMAN, PLANTS, ANIMAL, MICROBIAL)	Aquatic animals (Crustacean, Polychaetes, Faecal, Mollusc, Algae, Copepod, Artemia and Artemia Products, Post Larvae, Live/Frozen Shrimp and Crab, Feed and Feed additives for Aquaculture)	Enterocytozoon hepatopenaei (EHP) - Conventional PCR	NRLBAAD/SOP/11 - Enterocytozoon hepatopenaei (EHP)
3	BIOLOGICAL-MOLECULAR ANALYSIS (TESTS FOR VARIOUS MATRICES-HUMAN, PLANTS, ANIMAL, MICROBIAL)	Aquatic animals (Crustacean, Polychaetes, Faecal, Mollusc, Algae, Copepod, Artemia and Artemia Products, Post Larvae, Live/Frozen Shrimp and Crab, Feed and Feed additives for Aquaculture)	Enterocytozoon hepatopenaei (EHP) - Real Time - PCR	NRLBAAD/SOP/02 - Enterocytozoon hepatopenaei (EHP)
4	BIOLOGICAL-MOLECULAR ANALYSIS (TESTS FOR VARIOUS MATRICES-HUMAN, PLANTS, ANIMAL, MICROBIAL)	Aquatic animals (Crustacean, Polychaetes, Faecal, Mollusc, Algae, Copepod, Artemia and Artemia Products, Post Larvae, Live/Frozen Shrimp and Crab, Feed and Feed additives for Aquaculture)	Infectious Hypodermal and Hematopoietic Necrosis Virus (IHHNV) - Conventional PCR	WOAH, 2.2.5
5	BIOLOGICAL-MOLECULAR ANALYSIS (TESTS FOR VARIOUS MATRICES-HUMAN, PLANTS, ANIMAL, MICROBIAL)	Aquatic animals (Crustacean, Polychaetes, Faecal, Mollusc, Algae, Copepod, Artemia and Artemia Products, Post Larvae, Live/Frozen Shrimp and Crab, Feed and Feed additives for Aquaculture)	Infectious Hypodermal and Hematopoietic Necrosis Virus (IHHNV) - Real Time - PCR	WOAH, 2.2.5
6	BIOLOGICAL-MOLECULAR ANALYSIS (TESTS FOR VARIOUS MATRICES-HUMAN, PLANTS, ANIMAL, MICROBIAL)	Aquatic animals (Crustacean, Polychaetes, Faecal, Mollusc, Algae, Copepod, Artemia and Artemia Products, Post Larvae, Live/Frozen Shrimp and Crab, Feed and Feed additives for Aquaculture)	Infectious Myonecrosis Virus (IMNV) - Conventional PCR	WOAH, 2.2.6



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7	BIOLOGICAL-MOLECULAR ANALYSIS (TESTS FOR VARIOUS MATRICES-HUMAN, PLANTS, ANIMAL, MICROBIAL)	Aquatic animals (Crustacean, Polychaetes, Faecal, Mollusc, Algae, Copepod, Artemia and Artemia Products, Post Larvae, Live/Frozen Shrimp and Crab, Feed and Feed additives for Aquaculture)	Infectious Myonecrosis Virus (IMNV) - Real Time - PCR	WOAH, 2.2.6
8	BIOLOGICAL-MOLECULAR ANALYSIS (TESTS FOR VARIOUS MATRICES-HUMAN, PLANTS, ANIMAL, MICROBIAL)	Aquatic animals (Crustacean, Polychaetes, Faecal, Mollusc, Algae, Copepod, Artemia and Artemia Products, Post Larvae, Live/Frozen Shrimp and Crab, Feed and Feed additives for Aquaculture)	Necrotising Hepatopancreatitis (NHPB) - Real Time - PCR	WOAH, 2.2.4
9	BIOLOGICAL-MOLECULAR ANALYSIS (TESTS FOR VARIOUS MATRICES-HUMAN, PLANTS, ANIMAL, MICROBIAL)	Aquatic animals (Crustacean, Polychaetes, Faecal, Mollusc, Algae, Copepod, Artemia and Artemia Products, Post Larvae, Live/Frozen Shrimp and Crab, Feed and Feed additives for Aquaculture)	Penaeus Vannamei Nodavirus (PvNV) - Conventional - PCR	NRLBAAD/SOP/14 - Penaeus vannamei nodavirus (PvNV)
10	BIOLOGICAL-MOLECULAR ANALYSIS (TESTS FOR VARIOUS MATRICES-HUMAN, PLANTS, ANIMAL, MICROBIAL)	Aquatic animals (Crustacean, Polychaetes, Faecal, Mollusc, Algae, Copepod, Artemia and Artemia Products, Post Larvae, Live/Frozen Shrimp and Crab, Feed and Feed additives for Aquaculture)	Penaeus Vannamei Solinivirus (PvSV) - Real Time - PCR	NRLBAAD/SOP/06 - Penaeus Vannamei Solinivirus (PvSV)
11	BIOLOGICAL-MOLECULAR ANALYSIS (TESTS FOR VARIOUS MATRICES-HUMAN, PLANTS, ANIMAL, MICROBIAL)	Aquatic animals (Crustacean, Polychaetes, Faecal, Mollusc, Algae, Copepod, Artemia and Artemia Products, Post Larvae, Live/Frozen Shrimp and Crab, Feed and Feed additives for Aquaculture)	Shrimp Hemocyte Iridescent Virus / Decapod Iridescent Virus (SHIV/DIV-1) - Real Time - PCR	WOAH, 2.2.3
12	BIOLOGICAL-MOLECULAR ANALYSIS (TESTS FOR VARIOUS MATRICES-HUMAN, PLANTS, ANIMAL, MICROBIAL)	Aquatic animals (Crustacean, Polychaetes, Faecal, Mollusc, Algae, Copepod, Artemia and Artemia Products, Post Larvae, Live/Frozen Shrimp and Crab, Feed and Feed additives for Aquaculture)	Taura Syndrome Virus (TSV) - Real Time - PCR	WOAH, 2.2.8



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13	BIOLOGICAL-MOLECULAR ANALYSIS (TESTS FOR VARIOUS MATRICES-HUMAN, PLANTS, ANIMAL, MICROBIAL)	Aquatic animals (Crustacean, Polychaetes, Faecal, Mollusc, Algae, Copepod, Artemia and Artemia Products, Post Larvae, Live/Frozen Shrimp and Crab, Feed and Feed additives for Aquaculture)	White Spot Syndrome Virus (WSSV) - Conventional PCR	WOAH, 2.2.9
14	BIOLOGICAL-MOLECULAR ANALYSIS (TESTS FOR VARIOUS MATRICES-HUMAN, PLANTS, ANIMAL, MICROBIAL)	Aquatic animals (Crustacean, Polychaetes, Faecal, Mollusc, Algae, Copepod, Artemia and Artemia Products, Post Larvae, Live/Frozen Shrimp and Crab, Feed and Feed additives for Aquaculture)	White Spot Syndrome Virus (WSSV) - Real Time - PCR	WOAH, 2.2.9
15	BIOLOGICAL-MOLECULAR ANALYSIS (TESTS FOR VARIOUS MATRICES-HUMAN, PLANTS, ANIMAL, MICROBIAL)	Aquatic animals (Crustacean, Polychaetes, Faecal, Mollusc, Algae, Copepod, Artemia and Artemia Products, Post Larvae, Live/Frozen Shrimp and Crab, Feed and Feed additives for Aquaculture)	Yellow Head Virus (YHV) - Real Time - PCR	WOAH, 2.2.10
16	BIOLOGICAL-MOLECULAR ANALYSIS (TESTS FOR VARIOUS MATRICES-HUMAN, PLANTS, ANIMAL, MICROBIAL)	Aquatic animals (Fish - Live/Frozen/Fixed, Egg, Larvae, Fry, Tissue and Mucous)	Infectious Spleen and Kidney Necrosis Virus (ISKNV) - Real Time - PCR	NRLBAAD/SOP/16-Infectious spleen and kidney necrosis virus (ISKNV)
17	BIOLOGICAL-MOLECULAR ANALYSIS (TESTS FOR VARIOUS MATRICES-HUMAN, PLANTS, ANIMAL, MICROBIAL)	Aquatic animals (Fish - Live/Frozen/Fixed, Egg, Larvae, Fry, Tissue and Mucous)	Red Sea Bream Iridovirus (RSIV) - Real Time - PCR	NRLBAAD/SOP/17 - Red sea bream iridovirus (RSIV)
18	BIOLOGICAL-MOLECULAR ANALYSIS (TESTS FOR VARIOUS MATRICES-HUMAN, PLANTS, ANIMAL, MICROBIAL)	Aquatic animals (Fish - Live/Frozen/Fixed, Egg, Larvae, Fry, Tissue and Mucous)	Tilapia Lake Virus (TiLV) - Real Time - PCR	NRLBAAD/SOP/18 - Tilapia lake virus (TiLV)



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19	BIOLOGICAL-MOLECULAR ANALYSIS (TESTS FOR VARIOUS MATRICES-HUMAN, PLANTS, ANIMAL, MICROBIAL)	Aquatic animals (Fish - Live/Frozen/Fixed, Egg, Larvae, Fry, Tissue and Mucous)	Tilapia Parvovirus (TiPV) - Real Time - PCR	NRLBAAD/SOP/19 - Tilapia parvovirus (TiPV)
20	BIOLOGICAL-MOLECULAR ANALYSIS (TESTS FOR VARIOUS MATRICES-HUMAN, PLANTS, ANIMAL, MICROBIAL)	Aquatic animals (Fish - Live/Frozen/Fixed, Egg, Larvae, Fry, Tissue and Mucous)	Viral Nervous Necrosis (VNN) - Real Time - PCR	WOAH, 2.3.12



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**"General Requirements for the Competence of Testing &
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for its facilities at

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PURAM, CHENNAI, TAMIL NADU, INDIA

in the field of

TESTING

Certificate Number: TC-15103

Issue Date: 13/12/2024

Valid Until: 12/12/2028

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued
satisfactory compliance to the above standard & the relevant requirements of NABL.
(To see the scope of accreditation of this laboratory, you may also visit NABL website www.nabl-india.org)

Name of Legal Entity: ICAR - CENTRAL INSTITUTE OF BRACKISHWATER AQUACULTURE

Signed for and on behalf of NABL



N. Venkateswaran
Chief Executive Officer



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Permanent Testing				
1	CHEMICAL- ANIMAL FOOD & FEEDS	Aquaculture Feed Additives	Acid Insoluble Ash	AFAQAL/SOP/005 (Issue No.: 01, Issue Date: 02.05.2024)
2	CHEMICAL- ANIMAL FOOD & FEEDS	Aquaculture Feed Additives	Ash	AOAC Official Methods of Analysis, 22nd Edition, Volume I, 4.1.10 - AOAC Official Method 942.05
3	CHEMICAL- ANIMAL FOOD & FEEDS	Aquaculture Feed Additives	Crude Fat	AFAQAL/SOP/002 (Issue No.: 01, Issue Date: 02.05.2024)
4	CHEMICAL- ANIMAL FOOD & FEEDS	Aquaculture Feed Additives	Crude Fibre	AFAQAL/SOP/003 (Issue No.: 01, Issue Date: 02.05.2024)
5	CHEMICAL- ANIMAL FOOD & FEEDS	Aquaculture Feed Additives	Crude Protein	AFAQAL/SOP/001 (Issue No.: 01, Issue Date: 02.05.2024)
6	CHEMICAL- ANIMAL FOOD & FEEDS	Aquaculture Feed Additives	Moisture	AOAC Official Methods of Analysis, 22nd Edition, Volume I, 4.1.06 - AOAC Official Method 930.15
7	CHEMICAL- ANIMAL FOOD & FEEDS	Aquaculture Feed Additives	Nitrogen-free Extract	AFAQAL/SOP/004 (Issue No.: 01, Issue Date: 02.05.2024)
8	CHEMICAL- ANIMAL FOOD & FEEDS	Aquaculture Feed Ingredients	Acid Insoluble Ash	AFAQAL/SOP/005 (Issue No.: 01, Issue Date: 02.05.2024)
9	CHEMICAL- ANIMAL FOOD & FEEDS	Aquaculture Feed Ingredients	Acid Value	AFAQAL/SOP/006 (Issue No.: 01, Issue Date: 02.05.2024)
10	CHEMICAL- ANIMAL FOOD & FEEDS	Aquaculture Feed Ingredients	Ash	AOAC Official Methods of Analysis, 22nd Edition, Volume I, 4.1.10 - AOAC Official Method 942.05



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11	CHEMICAL- ANIMAL FOOD & FEEDS	Aquaculture Feed Ingredients	Crude Fat	AFAQAL/SOP/002 (Issue No.: 01, Issue Date: 02.05.2024)
12	CHEMICAL- ANIMAL FOOD & FEEDS	Aquaculture Feed Ingredients	Crude Fibre	AFAQAL/SOP/003 (Issue No.: 01, Issue Date: 02.05.2024)
13	CHEMICAL- ANIMAL FOOD & FEEDS	Aquaculture Feed Ingredients	Crude Protein	AFAQAL/SOP/001 (Issue No.: 01, Issue Date: 02.05.2024)
14	CHEMICAL- ANIMAL FOOD & FEEDS	Aquaculture Feed Ingredients	Moisture	AOAC Official Methods of Analysis, 22nd Edition, Volume I, 4.1.06 – AOAC Official Method 930.15
15	CHEMICAL- ANIMAL FOOD & FEEDS	Aquaculture Feed Ingredients	Nitrogen-free Extract	AFAQAL/SOP/004 (Issue No.: 01, Issue Date: 02.05.2024)
16	CHEMICAL- ANIMAL FOOD & FEEDS	Aquaculture Feed Ingredients	Total Volatile Nitrogen	AFAQAL/SOP/007 (Issue No.: 01, Issue Date: 02.05.2024)
17	CHEMICAL- ANIMAL FOOD & FEEDS	Cotton Seed Cake	Acid Insoluble Ash	AFAQAL/SOP/005 (Issue No.: 01, Issue Date: 02.05.2024)
18	CHEMICAL- ANIMAL FOOD & FEEDS	Cotton Seed Cake	Ash	AOAC Official Methods of Analysis, 22nd Edition, Volume I, 4.1.10 – AOAC Official Method 942.05
19	CHEMICAL- ANIMAL FOOD & FEEDS	Cotton Seed Cake	Crude Fat	AFAQAL/SOP/002 (Issue No.: 01, Issue Date: 02.05.2024)
20	CHEMICAL- ANIMAL FOOD & FEEDS	Cotton Seed Cake	Crude Fibre	AFAQAL/SOP/003 (Issue No.: 01, Issue Date: 02.05.2024)
21	CHEMICAL- ANIMAL FOOD & FEEDS	Cotton Seed Cake	Crude Protein	AFAQAL/SOP/001 (Issue No.: 01, Issue Date: 02.05.2024)



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22	CHEMICAL- ANIMAL FOOD & FEEDS	Cotton Seed Cake	Moisture	AOAC Official Methods of Analysis, 22nd Edition, Volume I, 4.1.06 - AOAC Official Method 930.15
23	CHEMICAL- ANIMAL FOOD & FEEDS	Cotton Seed Cake	Nitrogen-free Extract	AFAQAL/SOP/004 (Issue No.: 01, Issue Date: 02.05.2024)
24	CHEMICAL- ANIMAL FOOD & FEEDS	Fish, Shrimps, Prawn Feeds	Acid Insoluble Ash	AFAQAL/SOP/005 (Issue No.: 01, Issue Date: 02.05.2024)
25	CHEMICAL- ANIMAL FOOD & FEEDS	Fish, Shrimps, Prawn Feeds	Ash	AOAC Official Methods of Analysis, 22nd Edition, Volume I, 4.1.10 - AOAC Official Method 942.05
26	CHEMICAL- ANIMAL FOOD & FEEDS	Fish, Shrimps, Prawn Feeds	Crude Fat	AFAQAL/SOP/002 (Issue No.: 01, Issue Date: 02.05.2024)
27	CHEMICAL- ANIMAL FOOD & FEEDS	Fish, Shrimps, Prawn Feeds	Crude Fibre	AFAQAL/SOP/003 (Issue No.: 01, Issue Date: 02.05.2024)
28	CHEMICAL- ANIMAL FOOD & FEEDS	Fish, Shrimps, Prawn Feeds	Crude Protein	AFAQAL/SOP/001 (Issue No.: 01, Issue Date: 02.05.2024)
29	CHEMICAL- ANIMAL FOOD & FEEDS	Fish, Shrimps, Prawn Feeds	Moisture	AOAC Official Methods of Analysis, 22nd Edition, Volume I, 4.1.06 - AOAC Official Method 930.15
30	CHEMICAL- ANIMAL FOOD & FEEDS	Fish, Shrimps, Prawn Feeds	Nitrogen-free Extract	AFAQAL/SOP/004 (Issue No.: 01, Issue Date: 02.05.2024)
31	CHEMICAL- ANIMAL FOOD & FEEDS	Groundnut Meal	Acid Insoluble Ash	AFAQAL/SOP/005 (Issue No.: 01, Issue Date: 02.05.2024)



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32	CHEMICAL- ANIMAL FOOD & FEEDS	Groundnut Meal	Ash	AOAC Official Methods of Analysis, 22nd Edition, Volume I, 4.1.10 - AOAC Official Method 942.05
33	CHEMICAL- ANIMAL FOOD & FEEDS	Groundnut Meal	Crude Fat	AFAQAL/SOP/002 (Issue No.: 01, Issue Date: 02.05.2024)
34	CHEMICAL- ANIMAL FOOD & FEEDS	Groundnut Meal	Crude Fibre	AFAQAL/SOP/003 (Issue No.: 01, Issue Date: 02.05.2024)
35	CHEMICAL- ANIMAL FOOD & FEEDS	Groundnut Meal	Crude Protein	AFAQAL/SOP/001 (Issue No.: 01, Issue Date: 02.05.2024)
36	CHEMICAL- ANIMAL FOOD & FEEDS	Groundnut Meal	Moisture	AOAC Official Methods of Analysis, 22nd Edition, Volume I, 4.1.06 - AOAC Official Method 930.15
37	CHEMICAL- ANIMAL FOOD & FEEDS	Groundnut Meal	Nitrogen-free Extract	AFAQAL/SOP/004 (Issue No.: 01, Issue Date: 02.05.2024)
38	CHEMICAL- ANIMAL FOOD & FEEDS	Guar Meal	Acid Insoluble Ash	AFAQAL/SOP/005 (Issue No.: 01, Issue Date: 02.05.2024)
39	CHEMICAL- ANIMAL FOOD & FEEDS	Guar Meal	Ash	AOAC Official Methods of Analysis, 22nd Edition, Volume I, 4.1.10 - AOAC Official Method 942.05
40	CHEMICAL- ANIMAL FOOD & FEEDS	Guar Meal	Crude Fat	AFAQAL/SOP/002 (Issue No.: 01, Issue Date: 02.05.2024)
41	CHEMICAL- ANIMAL FOOD & FEEDS	Guar Meal	Crude Fibre	AFAQAL/SOP/003 (Issue No.: 01, Issue Date: 02.05.2024)
42	CHEMICAL- ANIMAL FOOD & FEEDS	Guar Meal	Crude Protein	AFAQAL/SOP/001 (Issue No.: 01, Issue Date: 02.05.2024)



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43	CHEMICAL- ANIMAL FOOD & FEEDS	Guar Meal	Moisture	AOAC Official Methods of Analysis, 22nd Edition, Volume I, 4.1.06 - AOAC Official Method 930.15
44	CHEMICAL- ANIMAL FOOD & FEEDS	Guar Meal	Nitrogen-free Extract	AFAQAL/SOP/004 (Issue No.: 01, Issue Date: 02.05.2024)
45	CHEMICAL- ANIMAL FOOD & FEEDS	Oil Cakes	Acid Insoluble Ash	AFAQAL/SOP/005 (Issue No.: 01, Issue Date: 02.05.2024)
46	CHEMICAL- ANIMAL FOOD & FEEDS	Oil Cakes	Ash	AOAC Official Methods of Analysis, 22nd Edition, Volume I, 4.1.10 - AOAC Official Method 942.05
47	CHEMICAL- ANIMAL FOOD & FEEDS	Oil Cakes	Crude Fat	AFAQAL/SOP/002 (Issue No.: 01, Issue Date: 02.05.2024)
48	CHEMICAL- ANIMAL FOOD & FEEDS	Oil Cakes	Crude Fibre	AFAQAL/SOP/003 (Issue No.: 01, Issue Date: 02.05.2024)
49	CHEMICAL- ANIMAL FOOD & FEEDS	Oil Cakes	Crude Protein	AFAQAL/SOP/001 (Issue No.: 01, Issue Date: 02.05.2024)
50	CHEMICAL- ANIMAL FOOD & FEEDS	Oil Cakes	Moisture	AOAC Official Methods of Analysis, 22nd Edition, Volume I, 4.1.06 - AOAC Official Method 930.15
51	CHEMICAL- ANIMAL FOOD & FEEDS	Oil Cakes	Nitrogen-free Extract	AFAQAL/SOP/004 (Issue No.: 01, Issue Date: 02.05.2024)
52	CHEMICAL- ANIMAL FOOD & FEEDS	Other Aqua Feed Ingredients	Acid Insoluble Ash	AFAQAL/SOP/005 (Issue No.: 01, Issue Date: 02.05.2024)



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

AQUAFEED ANALYTICAL AND QUALITY ASSURANCE LABORATORY, ICAR - CENTRAL INSTITUTE OF BRACKISHWATER AQUACULTURE, 75, SANTHOME HIGH ROAD, R A PURAM, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-15103

Page No

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Validity

13/12/2024 to 12/12/2028

Last Amended on

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
53	CHEMICAL- ANIMAL FOOD & FEEDS	Other Aqua Feed Ingredients	Ash	AOAC Official Methods of Analysis, 22nd Edition, Volume I, 4.1.10 - AOAC Official Method 942.05
54	CHEMICAL- ANIMAL FOOD & FEEDS	Other Aqua Feed Ingredients	Crude Fat	AFAQAL/SOP/002 (Issue No.: 01, Issue Date: 02.05.2024)
55	CHEMICAL- ANIMAL FOOD & FEEDS	Other Aqua Feed Ingredients	Crude Fibre	AFAQAL/SOP/003 (Issue No.: 01, Issue Date: 02.05.2024)
56	CHEMICAL- ANIMAL FOOD & FEEDS	Other Aqua Feed Ingredients	Crude Protein	AFAQAL/SOP/001 (Issue No.: 01, Issue Date: 02.05.2024)
57	CHEMICAL- ANIMAL FOOD & FEEDS	Other Aqua Feed Ingredients	Moisture	AOAC Official Methods of Analysis, 22nd Edition, Volume I, 4.1.06 - AOAC Official Method 930.15
58	CHEMICAL- ANIMAL FOOD & FEEDS	Other Aqua Feed Ingredients	Nitrogen-free Extract	AFAQAL/SOP/004 (Issue No.: 01, Issue Date: 02.05.2024)
59	CHEMICAL- ANIMAL FOOD & FEEDS	Rapeseed Meal	Acid Insoluble Ash	AFAQAL/SOP/005 (Issue No.: 01, Issue Date: 02.05.2024)
60	CHEMICAL- ANIMAL FOOD & FEEDS	Rapeseed Meal	Ash	AOAC Official Methods of Analysis, 22nd Edition, Volume I, 4.1.10 - AOAC Official Method 942.05
61	CHEMICAL- ANIMAL FOOD & FEEDS	Rapeseed Meal	Crude Fat	AFAQAL/SOP/002 (Issue No.: 01, Issue Date: 02.05.2024)
62	CHEMICAL- ANIMAL FOOD & FEEDS	Rapeseed Meal	Crude Fibre	AFAQAL/SOP/003 (Issue No.: 01, Issue Date: 02.05.2024)
63	CHEMICAL- ANIMAL FOOD & FEEDS	Rapeseed Meal	Crude Protein	AFAQAL/SOP/001 (Issue No.: 01, Issue Date: 02.05.2024)



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64	CHEMICAL- ANIMAL FOOD & FEEDS	Rapeseed Meal	Moisture	AOAC Official Methods of Analysis, 22nd Edition, Volume I, 4.1.06 - AOAC Official Method 930.15
65	CHEMICAL- ANIMAL FOOD & FEEDS	Rapeseed Meal	Nitrogen-free Extract	AFAQAL/SOP/004 (Issue No.: 01, Issue Date: 02.05.2024)
66	CHEMICAL- MARINE /AQUA CULTURE FOOD PRODUCTS	Artemia & Artemia Products	Ash	AOAC Official Methods of Analysis, 22nd Edition, Volume 2, 35.1.14 - AOAC Official Method 938.08
67	CHEMICAL- MARINE /AQUA CULTURE FOOD PRODUCTS	Artemia & Artemia Products	Crude Fat	AFAQAL/SOP/002 (Issue No.: 01, Issue Date: 02.05.2024)
68	CHEMICAL- MARINE /AQUA CULTURE FOOD PRODUCTS	Artemia & Artemia Products	Crude Protein	AFAQAL/SOP/001 (Issue No.: 01, Issue Date: 02.05.2024)
69	CHEMICAL- MARINE /AQUA CULTURE FOOD PRODUCTS	Artemia & Artemia Products	Moisture	Manual of Methods of Analysis of Foods: Fish & Fish Products, FSSAI 06.027
70	CHEMICAL- MARINE /AQUA CULTURE FOOD PRODUCTS	Fish and Fish Products	Ash	AOAC Official Methods of Analysis, 22nd Edition, Volume 2, 35.1.14 - AOAC Official Method 938.08
71	CHEMICAL- MARINE /AQUA CULTURE FOOD PRODUCTS	Fish and Fish Products	Crude Fat	AFAQAL/SOP/002 (Issue No.: 01, Issue Date: 02.05.2024)
72	CHEMICAL- MARINE /AQUA CULTURE FOOD PRODUCTS	Fish and Fish Products	Crude Protein	AFAQAL/SOP/001 (Issue No.: 01, Issue Date: 02.05.2024)
73	CHEMICAL- MARINE /AQUA CULTURE FOOD PRODUCTS	Fish and Fish Products	Moisture	Manual of Methods of Analysis of Foods: Fish & Fish Products, FSSAI 06.027



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74	CHEMICAL- MARINE /AQUA CULTURE FOOD PRODUCTS	Fish and Fish Products	Total Volatile Nitrogen	AFAQAL/SOP/007 (Issue No.: 01, Issue Date: 02.05.2024)
75	CHEMICAL- MARINE /AQUA CULTURE FOOD PRODUCTS	Other Marine Products	Ash	AOAC Official Methods of Analysis, 22nd Edition, Volume 2, 35.1.14 - AOAC Official Method 938.08
76	CHEMICAL- MARINE /AQUA CULTURE FOOD PRODUCTS	Other Marine Products	Crude Fat	AFAQAL/SOP/002 (Issue No.: 01, Issue Date: 02.05.2024)
77	CHEMICAL- MARINE /AQUA CULTURE FOOD PRODUCTS	Other Marine Products	Crude Protein	AFAQAL/SOP/001 (Issue No.: 01, Issue Date: 02.05.2024)
78	CHEMICAL- MARINE /AQUA CULTURE FOOD PRODUCTS	Other Marine Products	Moisture	Manual of Methods of Analysis of Foods: Fish & Fish Products, FSSAI 06.027
79	CHEMICAL- MARINE /AQUA CULTURE FOOD PRODUCTS	Shrimps	Ash	AOAC Official Methods of Analysis, 22nd Edition, Volume 2, 35.1.14 - AOAC Official Method 938.08
80	CHEMICAL- MARINE /AQUA CULTURE FOOD PRODUCTS	Shrimps	Crude Fat	AFAQAL/SOP/002 (Issue No.: 01, Issue Date: 02.05.2024)
81	CHEMICAL- MARINE /AQUA CULTURE FOOD PRODUCTS	Shrimps	Crude Protein	AFAQAL/SOP/001 (Issue No.: 01, Issue Date: 02.05.2024)
82	CHEMICAL- MARINE /AQUA CULTURE FOOD PRODUCTS	Shrimps	Moisture	Manual of Methods of Analysis of Foods: Fish & Fish Products, FSSAI 06.027
83	CHEMICAL- MARINE /AQUA CULTURE FOOD PRODUCTS	Shrimps	Total Volatile Nitrogen	AFAQAL/SOP/007 (Issue No.: 01, Issue Date: 02.05.2024)