National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	BAIF ANALYTICAL LABORATORIES, BAIF DEVELOPMENT RESEARCH FOUNDATION, CENTRAL RESEARCH STATION, KAMDHENU NAGAR, URULI KANCHAN, PUNE, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
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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
Permanent Facility				
1	BIOLOGICAL- VETERINARY TESTING	Animal Semen DNA	Infectious Bovine Rhinotracheitis	SOP No. BAIF/BAL/SOP/03/5 Issue No. 01 April 01
2	BIOLOGICAL- VETERINARY TESTING	Blood Serum	Blood Urea Nitrogen	WHO Guidelines on SOP for Clinical Chemistry (SEA-HLM-328) (Page No. 1 - 107)
3	BIOLOGICAL- VETERINARY TESTING	Blood Serum	Calcium	WHO Guidelines on SOP for Clinical Chemistry (SEA-HLM-328) (Page No. 1 - 107)
4	BIOLOGICAL- VETERINARY TESTING	Blood Serum	Creatinine	WHO Guidelines on SOP for Clinical Chemistry (SEA-HLM-328) (Page No. 1 - 107)
5	BIOLOGICAL- VETERINARY TESTING	Blood Serum	Phospohorous	WHO Guidelines on SOP for Clinical Chemistry (SEA-HLM-328) (Page No. 1 - 107)
6	BIOLOGICAL- VETERINARY TESTING	Blood Serum	Serum Glutamic- Oxalo Acetic Transaminase or Aspartate Aminotransferase	SOP No. BAIF/BAL/SOP/02/2 Issue No. 01 April 01
7	BIOLOGICAL- VETERINARY TESTING	Blood Serum	Serum Glutamic- Pyruvic Transaminase or Alanine Transaminase	SOP No. BAIF/BAL/SOP/02/3 Issue No. 01 April 01
8	BIOLOGICAL- VETERINARY TESTING	Blood Serum	Total Protein	WHO Guidelines on SOP for Clinical Chemistry (SEA-HLM-328) (Page No. 1 - 107)
9	BIOLOGICAL- VETERINARY TESTING	Blood Serum or EDTA Plasma	Early Pregnancy Diagnosis	SOP No. BAIF/BAL/SOP/02/1 Issue No. 01 April 01
10	BIOLOGICAL- VETERINARY TESTING	Cattle and Buffalo Frozen Semen	Bacterial Load	Minimum Standards of Protocol and SOP for Bovine Breeding GOI (No.3-252/2018-AHT RGM) (Page No.38)
11	BIOLOGICAL- VETERINARY TESTING	Cattle and Buffalo Frozen Semen	Post Thaw Motility	Minimum Standards of Protocol and SOP for Bovine Breeding GOI (No.3-252/2018-AHT RGM) (Page No.39)
12	BIOLOGICAL- VETERINARY TESTING	Serum	Bovine Viral Diarrhoea	OIE Terrestrial Manual (Chapter 3.4.7) (Page No. 1075-1096)
13	BIOLOGICAL- VETERINARY TESTING	Serum	Brucellosis	OIE Terrestrial Manual (Chapter 3.1.4) (Page No. 355-398)
14	BIOLOGICAL- VETERINARY TESTING	Serum	Infectious Bovine Rhinotracheitis	OIE Terrestrial Manual (Chapter 3.4.11) (Page No. 1139-1157)

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15	BIOLOGICAL- VETERINARY TESTING	Serum	Para tuberculosis	OIE Terrestrial Manual (Chapter 3.1.15) (Page No. 1-15)
16	BIOLOGICAL- VETERINARY TESTING	Serum or Plasma	Glucose	WHO Guidelines on SOP for Clinical Chemistry (SEA-HLM-328) (Page No. 1 - 107)
17	BIOLOGICAL- VETERINARY TESTING	Whole Blood	Differential Count Basophils	WHO Guidelines on SOP for Haematology (SEA/HLM/320) (Page No. 1 - 72)
18	BIOLOGICAL- VETERINARY TESTING	Whole Blood	Differential Count Eosinophils	WHO Guidelines on SOP for Haematology (SEA/HLM/320) (Page No. 1 - 72)
19	BIOLOGICAL- VETERINARY TESTING	Whole Blood	Differential Count Lymphocytes	WHO Guidelines on SOP for Haematology (SEA/HLM/320) (Page No. 1 - 72)
20	BIOLOGICAL- VETERINARY TESTING	Whole Blood	Differential Count Monocytes	WHO Guidelines on SOP for Haematology (SEA/HLM/320) (Page No. 1 - 72)
21	BIOLOGICAL- VETERINARY TESTING	Whole Blood	Differential Count Neutrophils	WHO Guidelines on SOP for Haematology (SEA/HLM/320) (Page No. 1 - 72)
22	BIOLOGICAL- VETERINARY TESTING	Whole Blood	Haematocrit or Packed Cell Volume	WHO Guidelines on SOP for Haematology (SEA/HLM/320) (Page No. 1 - 72)
23	BIOLOGICAL- VETERINARY TESTING	Whole Blood	Haemoglobin	WHO Guidelines on SOP for Haematology (SEA/HLM/320) (Page No. 1 - 72)
24	BIOLOGICAL- VETERINARY TESTING	Whole Blood	Peripheral Blood smear Examination	WHO Guidelines on SOP for Haematology (SEA/HLM/320) (Page No. 1 - 72)
25	BIOLOGICAL- VETERINARY TESTING	Whole Blood	Platelet Count	WHO Guidelines on SOP for Haematology (SEA/HLM/320) (Page No. 1 - 72)
26	BIOLOGICAL- VETERINARY TESTING	Whole Blood	RBC Count	WHO Guidelines on SOP for Haematology (SEA/HLM/320) (Page No. 1 - 72)
27	BIOLOGICAL- VETERINARY TESTING	Whole Blood	Red Blood cell Indices Mean Corpuscular Haemoglobin	WHO Guidelines on SOP for Haematology (SEA/HLM/320) (Page No. 1 - 72)
28	BIOLOGICAL- VETERINARY TESTING	Whole Blood	Red Blood cell Indices Mean Corpuscular Haemoglobin Concentration	WHO Guidelines on SOP for Haematology (SEA/HLM/320) (Page No. 1 - 72)

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29	BIOLOGICAL- VETERINARY TESTING	Whole Blood	Red Blood cell Indices Mean Corpuscular Volume	WHO Guidelines on SOP for Haematology (SEA/HLM/320) (Page No. 1 - 72)
30	BIOLOGICAL- VETERINARY TESTING	Whole Blood	Total WBC Count	WHO Guidelines on SOP for Haematology (SEA/HLM/320) (Page No. 1 - 72)
31	BIOLOGICAL- VETERINARY TESTING	Whole Blood DNA	Bovine Leukocyte Adhesion Deficiency Syndrome	SOP No. BAIF/BAL/SOP/03/1 Issue No. 01 April 01
32	BIOLOGICAL- VETERINARY TESTING	Whole Blood DNA	Citrullinemia	SOP No. BAIF/BAL/SOP/03/2 Issue No. 01 April 01
33	BIOLOGICAL- VETERINARY TESTING	Whole Blood DNA	Deficiency in Uridine Mono-phosphate Synthase	SOP No. BAIF/BAL/SOP/03/3 Issue No. 01 April 01
34	BIOLOGICAL- VETERINARY TESTING	Whole Blood DNA	Factor XI Deficiency	SOP No. BAIF/BAL/SOP/03/4 Issue No. 01 April 01
35	CHEMICAL- ANIMAL FOOD & FEEDS	Concentrate Mixture	Acid Detergent Fiber	AOAC (12th Edition)
36	CHEMICAL- ANIMAL FOOD & FEEDS	Concentrate Mixture	Acid Insoluble Ash	IS 7874-1 (Part 1)
37	CHEMICAL- ANIMAL FOOD & FEEDS	Concentrate Mixture	Crude Fat test	IS 7874-1 (Part 1)
38	CHEMICAL- ANIMAL FOOD & FEEDS	Concentrate Mixture	Crude Fiber	IS 7874-1 (Part 1)
39	CHEMICAL- ANIMAL FOOD & FEEDS	Concentrate Mixture	Crude Protein	IS 7874-1 (Part 1)
40	CHEMICAL- ANIMAL FOOD & FEEDS	Concentrate Mixture	Moisture	IS 7874-1 (Part 1)
41	CHEMICAL- ANIMAL FOOD & FEEDS	Concentrate Mixture	Phosphorous	IS 14828
42	CHEMICAL- ANIMAL FOOD & FEEDS	Concentrate Mixture	Total Ash	IS 7874-1 (Part 1)
43	CHEMICAL- ANIMAL FOOD & FEEDS	Cotton Seed Cake	Acid Insoluble Ash test	IS 7874-1 (Part 1)
44	CHEMICAL- ANIMAL FOOD & FEEDS	Cotton Seed Cake	Crude Fat test	IS 7874-1 (Part 1)
45	CHEMICAL- ANIMAL FOOD & FEEDS	Cotton Seed Cake	Crude Fiber	IS 7874-1 (Part 1)
46	CHEMICAL- ANIMAL FOOD & FEEDS	Cotton Seed Cake	Crude Protein	IS 7874-1 (Part 1)

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47	CHEMICAL- ANIMAL FOOD & FEEDS	Cotton seed cake	Moisture	IS 7874-1 (Part 1)
48	CHEMICAL- ANIMAL FOOD & FEEDS	Cotton Seed Cake	Total Ash	IS 7874-1 (Part 1)
49	CHEMICAL- ANIMAL FOOD & FEEDS	Deoiled cake	Acid Insoluble Ash	IS 7874-1 (Part 1)
50	CHEMICAL- ANIMAL FOOD & FEEDS	Deoiled Cake	Crude Fat test	IS 7874-1 (Part 1)
51	CHEMICAL- ANIMAL FOOD & FEEDS	Deoiled Cake	Crude Fibre	IS 7874-1 (Part 1)
52	CHEMICAL- ANIMAL FOOD & FEEDS	Deoiled Cake	Crude Protein	AIS 7874-1 (Part 1)
53	CHEMICAL- ANIMAL FOOD & FEEDS	Deoiled Cake	Moisture	IS 7874-1 (Part 1)
54	CHEMICAL- ANIMAL FOOD & FEEDS	Deoiled Cake	Total Ash	IS 7874-1 (Part 1)
55	CHEMICAL- ANIMAL FOOD & FEEDS	Dry Fodder	Acid Detergent Fibre	AOAC (12th Edition)
56	CHEMICAL- ANIMAL FOOD & FEEDS	Dry Fodder	Acid Insoluble Ash	IS 7874-1 (Part 1)
57	CHEMICAL- ANIMAL FOOD & FEEDS	Dry Fodder	Crude Fat test	IS 7874-1 (Part 1)
58	CHEMICAL- ANIMAL FOOD & FEEDS	Dry Fodder	Crude Fibre	IS 7874-1 (Part 1)
59	CHEMICAL- ANIMAL FOOD & FEEDS	Dry Fodder	Crude Protein	IS 7874-1 (Part 1)
60	CHEMICAL- ANIMAL FOOD & FEEDS	Dry Fodder	Moisture	IS 7874-1 (Part 1)
61	CHEMICAL- ANIMAL FOOD & FEEDS	Dry Fodder	Phosphorous	IS 14828
62	CHEMICAL- ANIMAL FOOD & FEEDS	Dry Fodder	Total Ash	IS 7874-1 (Part 1)
63	CHEMICAL- ANIMAL FOOD & FEEDS	Gaur Meal	Acid Insoluble Ash	IS 7874-1 (Part 1)
64	CHEMICAL- ANIMAL FOOD & FEEDS	Gaur Meal	Crude Fat test	IS 7874-1 (Part 1)
65	CHEMICAL- ANIMAL FOOD & FEEDS	Gaur Meal	Crude Protein	IS 7874-1 (Part 1)

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66	CHEMICAL- ANIMAL FOOD & FEEDS	Gaur Meal	Moisture test	IS 7874-1 (Part 1)
67	CHEMICAL- ANIMAL FOOD & FEEDS	Gaur Meal	Total Ash	IS 7874-1 (Part 1)
68	CHEMICAL- ANIMAL FOOD & FEEDS	Green Fodder	Acid Detergent Fibre	AOAC (12th Edition)
69	CHEMICAL- ANIMAL FOOD & FEEDS	Green Fodder	Acid Insoluble Ash	IS 7874-1 (Part 1)
70	CHEMICAL- ANIMAL FOOD & FEEDS	Green Fodder	Crude Fat test	IS 7874-1 (Part 1)
71	CHEMICAL- ANIMAL FOOD & FEEDS	Green Fodder	Crude Fibre	IS 7874-1 (Part 1)
72	CHEMICAL- ANIMAL FOOD & FEEDS	Green Fodder	Crude Protein	IS 7874-1 (Part 1)
73	CHEMICAL- ANIMAL FOOD & FEEDS	Green Fodder	Moisture	IS 7874-1 (Part 1)
74	CHEMICAL- ANIMAL FOOD & FEEDS	Green Fodder	Phosphorous	IS 14828
75	CHEMICAL- ANIMAL FOOD & FEEDS	Green Fodder	Total Ash	IS 7874-1 (Part 1)
76	CHEMICAL- ANIMAL FOOD & FEEDS	Groundnut meal	Acid Insoluble Ash	IS 7874-1 (Part 1)
77	CHEMICAL- ANIMAL FOOD & FEEDS	Groundnut meal	Crude Fat test	IS 7874-1 (Part 1)
78	CHEMICAL- ANIMAL FOOD & FEEDS	Groundnut meal	Crude Fiber	IS 7874-1 (Part 1)
79	CHEMICAL- ANIMAL FOOD & FEEDS	Groundnut meal	Crude protein	IS 7874-1 (Part 1)
80	CHEMICAL- ANIMAL FOOD & FEEDS	Groundnut meal	Moisture test	IS 7874-1 (Part 1)
81	CHEMICAL- ANIMAL FOOD & FEEDS	Groundnut meal	Total Ash	IS 7874-1 (Part 1)
82	CHEMICAL- ANIMAL FOOD & FEEDS	Guar Meal	Crude Fiber	IS 7874-1 (Part 1)
83	CHEMICAL- ANIMAL FOOD & FEEDS	Oil Cake	Acid Insoluble Ash	IS 7874-1 (Part 1)
84	CHEMICAL- ANIMAL FOOD & FEEDS	Oil Cake	Crude Fat test	IS 7874-1 (Part 1)

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85	CHEMICAL- ANIMAL FOOD & FEEDS	Oil Cake	Crude Fiber	IS 7874-1 (Part 1)
86	CHEMICAL- ANIMAL FOOD & FEEDS	Oil cake	Crude Protein	IS 7874-1 (Part 1)
87	CHEMICAL- ANIMAL FOOD & FEEDS	Oil Cake	Moisture	IS 7874-1 (Part 1)
88	CHEMICAL- ANIMAL FOOD & FEEDS	Oil Cake	Total Ash	IS 7874-1 (Part 1)
89	CHEMICAL- ANIMAL FOOD & FEEDS	Rapeseed Meal	Acid Insoluble Ash	IS 7874-1 (Part 1)
90	CHEMICAL- ANIMAL FOOD & FEEDS	Rapeseed Meal	Crude Fat test	IS 7874-1 (Part 1)
91	CHEMICAL- ANIMAL FOOD & FEEDS	Rapeseed Meal	Crude Fiber	IS 7874-1 (Part 1)
92	CHEMICAL- ANIMAL FOOD & FEEDS	Rapeseed Meal	Crude Protein	IS 7874-1 (Part 1)
93	CHEMICAL- ANIMAL FOOD & FEEDS	Rapeseed Meal	Moisture test	IS 7874-1 (Part 1)
94	CHEMICAL- ANIMAL FOOD & FEEDS	Rapeseed Meal	Total Ash	IS 7874-1 (Part 1)
95	CHEMICAL- FERTILIZERS	PROM (Phosphate Rich Organic Manure)	Moisture	SOP No. BAIF/BAL/SOP/01/3 Issue No. 01 April 01
96	CHEMICAL- FERTILIZERS	PROM (Phosphate Rich Organic Manure)	Nitrogen	SOP No. BAIF/BAL/SOP/01/1 Issue No. 01 April 01
97	CHEMICAL- FERTILIZERS	PROM (Phosphate Rich Organic Manure)	Organic carbon	SOP No. BAIF/BAL/SOP/01/4 Issue No. 01 April 01
98	CHEMICAL- FERTILIZERS	PROM (Phosphate Rich Organic Manure)	pH	SOP No. BAIF/BAL/SOP/01/2 Issue No. 01 April 01
99	CHEMICAL- FERTILIZERS	Vermicompost	Moisture	SOP No. BAIF/BAL/SOP/01/3 Issue No. 01 April 01
100	CHEMICAL- FERTILIZERS	Vermicompost	Nitrogen	SOP No. BAIF/BAL/SOP/01/1 Issue No. 01 April 01
101	CHEMICAL- FERTILIZERS	Vermicompost	Organic Carbon	SOP No. BAIF/BAL/SOP/01/4 Issue No. 01 April 01
102	CHEMICAL- FERTILIZERS	Vermicompost	pH	SOP No. BAIF/BAL/SOP/01/2 Issue No. 01 April 01
103	CHEMICAL- NUTRITIONAL SUPPLEMENTS	Mineral Mixture	Moisture	IS 1664

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104	CHEMICAL- NUTRITIONAL SUPPLEMENTS	Mineral Mixture Raw Ingredients	Acid Insoluble Ash	IS 7874-1 (Part 1)
105	CHEMICAL- NUTRITIONAL SUPPLEMENTS	Mineral Mixture Raw Ingredients	Fluorine	SOP No. BAIF/BAL/SOP/01/6 Issue No. 01 April 01
106	CHEMICAL- NUTRITIONAL SUPPLEMENTS	Mineral Mixture Raw Ingredients	Moisture	IS 7874-1 (Part 1)
107	CHEMICAL- NUTRITIONAL SUPPLEMENTS	Mineral Mixture Raw Ingredients	Phosphorous	IS 14828
108	CHEMICAL- NUTRITIONAL SUPPLEMENTS	Mineral Mixture Raw Ingredients	Total Ash	IS 7874-1 (Part 1)
109	CHEMICAL- NUTRITIONAL SUPPLEMENTS	Mineral Mixture: Cattle Feed Supplement	Acid Insoluble Ash	IS 1664
110	CHEMICAL- NUTRITIONAL SUPPLEMENTS	Mineral Mixture: Cattle Feed Supplement	Fluorine	SOP No. BAIF/BAL/SOP/01/6 Issue No. 01 April 01
111	CHEMICAL- NUTRITIONAL SUPPLEMENTS	Mineral mixture: Cattle Feed Supplement	Phosphorous	IS 14828
112	CHEMICAL- NUTRITIONAL SUPPLEMENTS	Mineral Mixture: Cattle Feed Supplement	Total Ash	IS 1664
113	CHEMICAL- SOIL AND ROCK	Soil	Available Phosphorous	IS 14828
114	CHEMICAL- SOIL AND ROCK	Soil	Moisture	IS 7874-1 (Part 1)