National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : BHAVAN'S RESEARCH CENTER (MICROBIOLOGY), 5TH FLOOR, PALANJI SADAN-SFC BUILDING, BHAVAN'S COLLEGE CAMPUS, ANDHERI (WEST), MUMBAI, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 29/10/2022 to 28/10/2024 **Last Amended on** 07/03/2023

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-ANTIMICROBIAL ACTIVITY PRODUCTS	Soaps & Detergents	Contact Kill Test for Antimicrobial Activity	ASTM E2783
2	BIOLOGICAL-ANTIMICROBIAL ACTIVITY PRODUCTS	Soaps & Detergents	Quantitative non porous surface test for bactericidal and/or yeasticidal and/or fungicidal activity	EN 13697+A1
3	BIOLOGICAL-ANTIMICROBIAL ACTIVITY PRODUCTS	Soaps & Detergents	Quantitative suspension test for bactericidal activity	EN 1040
4	BIOLOGICAL-ANTIMICROBIAL ACTIVITY PRODUCTS	Soaps & Detergents	Quantitative suspension test for bactericidal activity	EN 1276
5	BIOLOGICAL-ANTIMICROBIAL ACTIVITY PRODUCTS	Soaps & Detergents	Quantitative suspension test for fungicidal or yeasticidal activity	EN 1650
6	BIOLOGICAL-ANTIMICROBIAL ACTIVITY PRODUCTS	Soaps & Detergents	Quantitative suspension test for sporicidal activity	EN 13704
7	BIOLOGICAL-ANTIMICROBIAL ACTIVITY PRODUCTS	Water Miscible Products	Contact Kill Test for Antimicrobial Activity	ASTM E2783
8	BIOLOGICAL-ANTIMICROBIAL ACTIVITY PRODUCTS	Water Miscible Products	Quantitative non porous surface test for bactericidal and/or yeasticidal and/or fungicidal activity	EN 13697+ A1
9	BIOLOGICAL-ANTIMICROBIAL ACTIVITY PRODUCTS	Water Miscible Products	Quantitative suspension test for bactericidal activity	EN 1040
10	BIOLOGICAL-ANTIMICROBIAL ACTIVITY PRODUCTS	Water Miscible Products	Quantitative suspension test for bactericidal activity	EN 1276
11	BIOLOGICAL-ANTIMICROBIAL ACTIVITY PRODUCTS	Water Miscible Products	Quantitative suspension test for fungicidal or yeasticidal activity	EN 1650
12	BIOLOGICAL-ANTIMICROBIAL ACTIVITY PRODUCTS	Water Miscible Products	Quantitative suspension test for sporicidal activity	EN 13704
13	BIOLOGICAL- BIOCIDES	Antiseptics	Contact Kill Test for Antimicrobial Activity	ASTM E2783

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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
14	BIOLOGICAL- BIOCIDES	Antiseptics	Quantitative non porous surface test for bactericidal and/or yeasticidal and/or fungicidal activity	EN 13697+A1
15	BIOLOGICAL- BIOCIDES	Antiseptics	Quantitative suspension test for bactericidal activity	EN 1040
16	BIOLOGICAL- BIOCIDES	Antiseptics	Quantitative suspension test for bactericidal activity	EN 1276
17	BIOLOGICAL- BIOCIDES	Antiseptics	Quantitative suspension test for sporicidal activity	EN 13704
18	BIOLOGICAL- BIOCIDES	Disinfectants	Contact Kill Test for Antimicrobial Activity	ASTM E2783
19	BIOLOGICAL- BIOCIDES	Disinfectants	Quantitative non porous surface test for bactericidal and/or yeasticidal and/or fungicidal activity	EN 13697+A1
20	BIOLOGICAL- BIOCIDES	Disinfectants	Quantitative suspension test for bactericidal activity	EN 1040
21	BIOLOGICAL- BIOCIDES	Disinfectants	Quantitative suspension test for bactericidal activity	EN 1276
22	BIOLOGICAL- BIOCIDES	Disinfectants	Quantitative suspension test for fungicidal or yeasticidal activity	EN 1650
23	BIOLOGICAL- BIOCIDES	Disinfectants	Quantitative suspension test for sporicidal activity	EN 13704
24	BIOLOGICAL- BIOCIDES	Sanitizers	Contact Kill Test for Antimicrobial Activity	ASTM E2783
25	BIOLOGICAL- BIOCIDES	Sanitizers	Quantitative non porous surface test for bactericidal and/or yeasticidal and/or fungicidal activity	EN 13697+ A1
26	BIOLOGICAL- BIOCIDES	Sanitizers	Quantitative suspension test for bactericidal activity	EN 1040
27	BIOLOGICAL- BIOCIDES	Sanitizers	Quantitative suspension test for bactericidal activity	EN 1276
28	BIOLOGICAL- BIOCIDES	Sanitizers	Quantitative suspension test for fungicidal or yeasticidal activity	EN 1650
29	BIOLOGICAL- BIOCIDES	Sanitizers	Quantitative suspension test for sporicidal activity	EN 13704

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30	BIOLOGICAL- COSMETICS AND ESSENTIAL OILS	Cosmetics	Antimicrobial Preservative Efficacy Test	ISO 11930
31	BIOLOGICAL- COSMETICS AND ESSENTIAL OILS	Cosmetics	Antimicrobial Preservative Efficacy Test	Official Method of Analysis of AOAC International,Chapter 15 - 998.10 (21st edition)
32	BIOLOGICAL- COSMETICS AND ESSENTIAL OILS	Cosmetics	Contact Kill Test for Antimicrobial Activity	ASTM E2783
33	BIOLOGICAL- COSMETICS AND ESSENTIAL OILS	Cosmetics	Detection of Candida albicans	IS 14648
34	BIOLOGICAL- COSMETICS AND ESSENTIAL OILS	Cosmetics	Detection of Gram negative enteric pathogens (Escherichia coli)	IS 14648
35	BIOLOGICAL- COSMETICS AND ESSENTIAL OILS	Cosmetics	Detection of Pseudomonas aeruginosa	IS 14648
36	BIOLOGICAL- COSMETICS AND ESSENTIAL OILS	Cosmetics	Detection of Staphylococcus aureus	IS 14648
37	BIOLOGICAL- COSMETICS AND ESSENTIAL OILS	Cosmetics	Enumeration of Total Microbial Count	IS 14648
38	BIOLOGICAL- COSMETICS AND ESSENTIAL OILS	Cosmetics	Quantitative suspension test for bactericidal activity	EN 1040
39	BIOLOGICAL- COSMETICS AND ESSENTIAL OILS	Tooth Paste	Detection of Candida albicans	IS 14648
40	BIOLOGICAL- COSMETICS AND ESSENTIAL OILS	Tooth Paste	Contact Kill Test for Antimicrobial Activity	ASTM E2783
41	BIOLOGICAL- COSMETICS AND ESSENTIAL OILS	Tooth Paste	Detection of Gram negative enteric pathogens (Escherichia coli)	IS 14648
42	BIOLOGICAL- COSMETICS AND ESSENTIAL OILS	Tooth Paste	Detection of Pseudomonas aeruginosa	IS 14648
43	BIOLOGICAL- COSMETICS AND ESSENTIAL OILS	Tooth Paste	Detection of Staphylococcus aureus	IS 14648
44	BIOLOGICAL- COSMETICS AND ESSENTIAL OILS	Tooth Paste	Enumeration of Total microbial count	IS 14648
45	BIOLOGICAL- COSMETICS AND ESSENTIAL OILS	Tooth Paste	Quantitative suspension test for bactericidal activity	EN 1040
46	BIOLOGICAL- WATER	Drinking water	Coliforms	IS 15185
47	BIOLOGICAL- WATER	Drinking Water	E.coli	IS 15185
48	BIOLOGICAL- WATER	Packaged Drinking Water	Yeast and Mold Count	IS 5403

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49	BIOLOGICAL- WATER	Packaged Drinking Water	Coliforms	IS 15185
50	BIOLOGICAL- WATER	Packaged Drinking Water	E.coli	IS 15185
51	BIOLOGICAL- WATER	Packaged Drinking Water	Fecal Streptococci	IS 15186
52	BIOLOGICAL- WATER	Packaged Drinking Water	Pseudomonas aeruginosa	IS 13428
53	BIOLOGICAL- WATER	Packaged Drinking Water	S.aureus	IS 5887 (Part 2)
54	BIOLOGICAL- WATER	Packaged Drinking Water	Salmonella spp	IS 15187
55	BIOLOGICAL- WATER	Packaged Drinking Water	Shigella spp	IS 5887 (Part 7)
56	BIOLOGICAL- WATER	Packaged Drinking Water	Sulphite reducing anaerobes	IS 13428
57	BIOLOGICAL- WATER	Packaged Drinking Water	Total Viable Colony Count @ 22 C for 72 hrs	IS 5402
58	BIOLOGICAL- WATER	Packaged Drinking Water	Total Viable Colony Count @ 37 C for 24 hrs	IS 5402
59	BIOLOGICAL- WATER	Packaged Drinking Water	Vibrio cholerae	IS 5887 (Part 5)
60	BIOLOGICAL- WATER	Packaged Drinking Water	Vibrio parahaemolyticus	IS 5887 (Part 5)
61	BIOLOGICAL- WATER	Packaged Natural Mineral Water	E.coli	IS 15185
62	BIOLOGICAL- WATER	Packaged Natural Mineral Water	Fecal Streptococci	IS 15186
63	BIOLOGICAL- WATER	Packaged Natural Mineral Water	Salmonella spp	IS 15187
64	BIOLOGICAL- WATER	Packaged Natural Mineral Water	Shigella spp	IS 5887 (Part 7)
65	BIOLOGICAL- WATER	Packaged Natural Mineral Water	Sulphite reducing anaerobes	IS 13428
66	BIOLOGICAL- WATER	Packaged Natural Mineral Water	Total Viable Colony Count @ 22 C for 72 hrs	IS 5402
67	BIOLOGICAL- WATER	Packaged Natural Mineral Water	Vibrio parahaemolyticus	IS 5887 (Part 5)
68	BIOLOGICAL- WATER	Packaged Natural Mineral Water	Coliforms	IS 15185
69	BIOLOGICAL- WATER	Packaged Natural Mineral Water	Pseudomonas aeruginosa	IS 13428
70	BIOLOGICAL- WATER	Packaged Natural Mineral Water	S.aureus	IS 5887 (Part 2)
71	BIOLOGICAL- WATER	Packaged Natural Mineral Water	Total Viable Colony Count @ 37 C for 24 hrs	IS 5402
72	BIOLOGICAL- WATER	Packaged Natural Mineral Water	Vibrio cholerae	IS 5887 (Part 5)
73	BIOLOGICAL- WATER	Packaged Natural Mineral Water	Yeast and Mold Count	IS 5403
74	BIOLOGICAL- WATER	Water for processed food industry	Coliforms	IS 1622
75	BIOLOGICAL- WATER	Water for processed food industry	Lipolytic organisms	IS 4251
76	BIOLOGICAL- WATER	Water for processed food industry	Proteolytic organisms	IS 4251

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77	BIOLOGICAL- WATER	Water for processed food industry	Standard plate count	IS 1622
78	BIOLOGICAL- WATER	Water Purifier (Performance Tests)	Microbiological reduction-Microspheres	National Sanitary Foundation (NSF)/ ANSI 53
79	BIOLOGICAL- WATER	Water Purifier (Performance Tests)	Microbiological reduction-Viruses-MS 2 Bacteriophage	National Sanitary Foundation (NSF) P248
80	BIOLOGICAL- WATER	Water Purifier (Performance Tests)	Microbiological reduction-Bacteria - Raoultella (Klebsiella) terrigena	National Sanitary Foundation (NSF) P231/P248

NOTE- The Laboratory has demonstrated competence for the stated scope for WATER. This however does not fully cover the specification requirements of BIS for the Packaged Drinking Water as per IS 14543 and the Packaged Natural Mineral Water IS 13428.