



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

Certificate Number

TC-6421

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Validity

29/10/2019 to 28/10/2021*

Last Amended on

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*The validity is extended for one year up to 28.10.2022

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	Antiseptics/Sanitizers Quantitative suspension test for the evaluation of basic bactericidal activity of chemical disinfectants and antiseptics	EN 1040
2	BIOLOGICAL-ANTIMICROBIAL ACTIVITY PRODUCTS	Soaps & Detergents	Quantitative non porous surface test for the evaluation of bactericidal and / or fungicidal activity of chemical disinfectants and antiseptics used in food, industrial, domestic and institutional areas	EN 13697 (+A1:2019)
3	BIOLOGICAL-ANTIMICROBIAL ACTIVITY PRODUCTS	Soaps & Detergents	Quantitative suspension test for the evaluation of bactericidal activity of chemical disinfectants and antiseptics used in food, industrial, domestic and institutional areas	EN 1276
4	BIOLOGICAL-ANTIMICROBIAL ACTIVITY PRODUCTS	Soaps & Detergents	Quantitative suspension test for the evaluation of fungicidal or yeasticidal activity of chemical disinfectants and antiseptics	EN 1650 (+A1:2013)
5	BIOLOGICAL-ANTIMICROBIAL ACTIVITY PRODUCTS	Soaps & Detergents	Quantitative suspension test for the evaluation of sporicidal activity of chemical disinfectants and antiseptics used in food, industrial, domestic and institutional areas (Bacillus subtilis ATCC 6633)	EN 13704
6	BIOLOGICAL-ANTIMICROBIAL ACTIVITY PRODUCTS	Soaps & Detergents	Standard Test Method for Assessment of Antimicrobial Activity for water Miscible Compounds using Time- Kill Procedure	ASTM E2783 (reapproved 2016)



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7	BIOLOGICAL-ANTIMICROBIAL ACTIVITY PRODUCTS	Water Miscible Products	Quantitative non porous surface test for the evaluation of bactericidal and / or fungicidal activity of chemical disinfectants and antiseptics used in food, industrial, domestic and institutional areas	EN 13697
8	BIOLOGICAL-ANTIMICROBIAL ACTIVITY PRODUCTS	Water Miscible Products	Quantitative suspension test for the evaluation of bactericidal activity of chemical disinfectants and antiseptics used in food, industrial, domestic and institutional areas	EN 1276
9	BIOLOGICAL-ANTIMICROBIAL ACTIVITY PRODUCTS	Water Miscible Products	Quantitative suspension test for the evaluation of basic bactericidal activity of chemical disinfectants and antiseptics	EN 1040
10	BIOLOGICAL-ANTIMICROBIAL ACTIVITY PRODUCTS	Water Miscible Products	Quantitative suspension test for the evaluation of fungicidal or yeasticidal activity of chemical disinfectants and antiseptics	EN 1650 (+A1:2013)
11	BIOLOGICAL-ANTIMICROBIAL ACTIVITY PRODUCTS	Water Miscible Products	Quantitative suspension test for the evaluation of sporicidal activity of chemical disinfectants and antiseptics used in food, industrial, domestic and institutional areas (Bacillus subtilis ATCC 6633)	EN 13704
12	BIOLOGICAL-ANTIMICROBIAL ACTIVITY PRODUCTS	Water Miscible Products	Standard Test Method for Assessment of Antimicrobial Activity for water Miscible Compounds using Time- Kill Procedure	ASTM E2783 (reapproved 2016)



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13	BIOLOGICAL- BIOCIDES	Antiseptics	Quantitative non porous surface test for the evaluation of bactericidal and / or fungicidal activity of chemical disinfectants and antiseptics used in food, industrial, domestic and institutional areas	BS EN 13697
14	BIOLOGICAL- BIOCIDES	Antiseptics	Quantitative suspension test for the evaluation of bactericidal activity of chemical disinfectants and antiseptics used in food, industrial, domestic and institutional areas	EN 1276
15	BIOLOGICAL- BIOCIDES	Antiseptics	Quantitative suspension test for the evaluation of basic bactericidal activity of chemical disinfectants and antiseptics	BS EN 1040
16	BIOLOGICAL- BIOCIDES	Antiseptics	Quantitative suspension test for the evaluation of sporicidal activity of chemical disinfectants and antiseptics used in food, industrial, domestic and institutional areas (Bacillus subtilis ATCC 6633)	EN 13704
17	BIOLOGICAL- BIOCIDES	Antiseptics	Standard Test Method for Assessment of Antimicrobial Activity for water Miscible Compounds using Time- Kill Procedure	ASTM: E2783
18	BIOLOGICAL- BIOCIDES	Disinfectants	Quantitative non porous surface test for the evaluation of bactericidal and / or fungicidal activity of chemical disinfectants and antiseptics used in food, industrial, domestic and institutional areas	BS EN 13697



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19	BIOLOGICAL- BIOCIDES	Disinfectants	Quantitative suspension test for the evaluation of bactericidal activity of chemical disinfectants and antiseptics used in food, industrial, domestic and institutional areas	EN 1276
20	BIOLOGICAL- BIOCIDES	Disinfectants	Quantitative suspension test for the evaluation of basic bactericidal activity of chemical disinfectants and antiseptics	BS EN 1040
21	BIOLOGICAL- BIOCIDES	Disinfectants	Quantitative suspension test for the evaluation of fungicidal or yeasticidal activity of chemical disinfectants and antiseptics	BS EN 1650:2008 A1
22	BIOLOGICAL- BIOCIDES	Disinfectants	Quantitative suspension test for the evaluation of sporicidal activity of chemical disinfectants and antiseptics used in food, industrial, domestic and institutional areas (Bacillus subtilis ATCC 6633)	EN 13704
23	BIOLOGICAL- BIOCIDES	Disinfectants	Standard Test Method for Assessment of Antimicrobial Activity for water Miscible Compounds using Time- Kill Procedure	ASTM: E2783: 2011 RA
24	BIOLOGICAL- BIOCIDES	Sanitizers	Quantitative non porous surface test for the evaluation of bactericidal and / or fungicidal activity of chemical disinfectants and antiseptics used in food, industrial, domestic and institutional areas	BS EN 13697
25	BIOLOGICAL- BIOCIDES	Sanitizers	Quantitative suspension test for the evaluation of bactericidal activity of chemical disinfectants and antiseptics used in food, industrial, domestic and institutional areas	EN 1276



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26	BIOLOGICAL- BIOCIDES	Sanitizers	Quantitative suspension test for the evaluation of basic bactericidal activity of chemical disinfectants and antiseptics	BS EN 1040
27	BIOLOGICAL- BIOCIDES	Sanitizers	Quantitative suspension test for the evaluation of fungicidal or yeasticidal activity of chemical disinfectants and antiseptics	BS EN 1650:2008 A1
28	BIOLOGICAL- BIOCIDES	Sanitizers	Quantitative suspension test for the evaluation of sporicidal activity of chemical disinfectants and antiseptics used in food, industrial, domestic and institutional areas (Bacillus subtilis ATCC 6633)	EN 13704
29	BIOLOGICAL- BIOCIDES	Sanitizers	Standard Test Method for Assessment of Antimicrobial Activity for water Miscible Compounds using Time- Kill Procedure	ASTM: E2783: 2011 RA
30	BIOLOGICAL- COSMETICS AND ESSENTIAL OILS	Cosmetics	Candida albicans	IS 14648: 2011 RA
31	BIOLOGICAL- COSMETICS AND ESSENTIAL OILS	Cosmetics	Effectiveness of antimicrobial preservative / Challenge test	Official Method of Analysis of AOAC International, Chapter 15 - 998.10 (21st edition)
32	BIOLOGICAL- COSMETICS AND ESSENTIAL OILS	Cosmetics	Evaluation of the antimicrobial protection of a cosmetic product	ISO 11930
33	BIOLOGICAL- COSMETICS AND ESSENTIAL OILS	Cosmetics	Gram negative enteric pathogens (Escherichia coli)	IS 14648:2011 RA
34	BIOLOGICAL- COSMETICS AND ESSENTIAL OILS	Cosmetics	Pseudomonas aeruginosa	IS 14648:2011 RA
35	BIOLOGICAL- COSMETICS AND ESSENTIAL OILS	Cosmetics	Quantitative suspension test for the evaluation of basic bactericidal activity of chemical disinfectants and antiseptics	EN 1040



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36	BIOLOGICAL- COSMETICS AND ESSENTIAL OILS	Cosmetics	Standard Test Method for Assessment of Antimicrobial Activity for water Miscible Compounds using Time- Kill Procedure	ASTM E2783 (reapproved 2016)
37	BIOLOGICAL- COSMETICS AND ESSENTIAL OILS	Cosmetics	Staphylococcus aureus	IS 14648:2011 RA
38	BIOLOGICAL- COSMETICS AND ESSENTIAL OILS	Cosmetics	Total microbial count	IS 14648:2011 RA
39	BIOLOGICAL- COSMETICS AND ESSENTIAL OILS	Tooth Paste	Candida albicans	IS 14648:2011 RA
40	BIOLOGICAL- COSMETICS AND ESSENTIAL OILS	Tooth Paste	Gram negative enteric pathogens (Escherichia coli)	IS 14648:2011 RA
41	BIOLOGICAL- COSMETICS AND ESSENTIAL OILS	Tooth Paste	Pseudomonas aeruginosa	IS 14648:2011 RA
42	BIOLOGICAL- COSMETICS AND ESSENTIAL OILS	Tooth Paste	Quantitative suspension test for the evaluation of basic bactericidal activity of chemical disinfectants and antiseptics	EN 1040
43	BIOLOGICAL- COSMETICS AND ESSENTIAL OILS	Tooth Paste	Standard Test Method for Assessment of Antimicrobial Activity for water Miscible Compounds using Time- Kill Procedure	ASTM E2783 (reapproved 2016)
44	BIOLOGICAL- COSMETICS AND ESSENTIAL OILS	Tooth Paste	Staphylococcus aureus	IS 14648:2011 RA
45	BIOLOGICAL- COSMETICS AND ESSENTIAL OILS	Tooth Paste	Total microbial count	IS 14648:2011 RA
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: 1999 (RA)
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 15186:2002 (RA)
52	BIOLOGICAL- WATER	Packaged Drinking Water	Pseudomonas aeruginosa	IS 13428:2014 Annex D (RA)
53	BIOLOGICAL- WATER	Packaged Drinking Water	S.aureus	IS 5887 (Part 2): 1976 (RA)



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54	BIOLOGICAL- WATER	Packaged Drinking Water	Salmonella spp	IS 15187
55	BIOLOGICAL- WATER	Packaged Drinking Water	Shigella spp	IS 5887 (Part 7):1999 (RA)
56	BIOLOGICAL- WATER	Packaged Drinking Water	Sulphite reducing anaerobes	IS 13428:2014 Annex C (RA)
57	BIOLOGICAL- WATER	Packaged Drinking Water	Total Viable Colony Count @ 22 C for 72 hrs	IS 5402:2012 RA
58	BIOLOGICAL- WATER	Packaged Drinking Water	Total Viable Colony Count @ 37 C for 24 hrs	IS 5402:2012 RA
59	BIOLOGICAL- WATER	Packaged Drinking Water	Vibrio cholerae	IS 5887 (Part 5): 1976 (RA)
60	BIOLOGICAL- WATER	Packaged Drinking Water	Vibrio parahaemolyticus	IS 5887 (Part 5): 1976 (RA)
61	BIOLOGICAL- WATER	Packaged Natural Mineral Water	E.coli	IS 15185
62	BIOLOGICAL- WATER	Packaged Natural Mineral Water	Fecal Streptococci	IS 15186:2002 (RA)
63	BIOLOGICAL- WATER	Packaged Natural Mineral Water	Salmonella spp	IS 15187
64	BIOLOGICAL- WATER	Packaged Natural Mineral Water	Shigella spp	IS 5887 (Part 7):1999 (RA)
65	BIOLOGICAL- WATER	Packaged Natural Mineral Water	Sulphite reducing anaerobes	IS 13428:2014 Annex C (RA)
66	BIOLOGICAL- WATER	Packaged Natural Mineral Water	Total Viable Colony Count @ 22 C for 72 hrs	IS 5402:2012 RA
67	BIOLOGICAL- WATER	Packaged Natural Mineral Water	Vibrio parahaemolyticus	IS 5887 (Part 5): 1976 (RA)
68	BIOLOGICAL- WATER	Packaged Natural Mineral Water	Coliforms	IS 15185
69	BIOLOGICAL- WATER	Packaged Natural Mineral Water	Pseudomonas aeruginosa	IS 13428:2014 Annex D (RA)
70	BIOLOGICAL- WATER	Packaged Natural Mineral Water	S.aureus	IS 5887 (Part 2): 1976 (RA)
71	BIOLOGICAL- WATER	Packaged Natural Mineral Water	Total Viable Colony Count @ 37 C for 24 hrs	IS 5402:2012 RA
72	BIOLOGICAL- WATER	Packaged Natural Mineral Water	Vibrio cholerae	IS 5887 (Part 5): 1976 (RA)
73	BIOLOGICAL- WATER	Packaged Natural Mineral Water	Yeast and Mold Count	IS 5403: 1999 (RA)
74	BIOLOGICAL- WATER	Water for processed food industry	Coliforms	IS: 1622: 1981 (RA)
75	BIOLOGICAL- WATER	Water for processed food industry	Lipolytic organisms	IS: 4251: 1967 (RA)
76	BIOLOGICAL- WATER	Water for processed food industry	Proteolytic organisms	IS: 4251
77	BIOLOGICAL- WATER	Water for processed food industry	Standard plate count	IS: 1622
78	BIOLOGICAL- WATER	Water Purifier	Evaluation of drinking water treatment technology for microbiological reduction performance- Bacteria- Raoultella (Klebsiella) terrigena	National Sanitary Foundation (NSF) P231



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79	BIOLOGICAL- WATER	Water Purifier	Evaluation of drinking water treatment technology for microbiological reduction performance- Microspheres	National Sanitary Foundation (NSF)/ ANSI 53
80	BIOLOGICAL- WATER	Water Purifier	Evaluation of drinking water treatment technology for microbiological reduction performance- Viruses- MS 2 Bacteriophage	National Sanitary Foundation (NSF) 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.