National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	BIOTECH TESTING SERVICES (BTS), 104/105, MALWA INDUSTRIAL ESTATE, PATANWALA COMPOUND, LBS MARG, GHATKOPAR (WEST), MUMBAI, MAHARASHTRA, INDIA
Accreditation Standard	ISO/IEC 17025:2017
Certificate Number	TC-8484
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Validity	04/05/2022 to 03/05/2024
Last Amended on	14/10/2022

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	Bath-mat/ Carpet	Antimicrobial Assessment of Carpet Materials; Antibacterial activity	AATCC 174; Part I
2	BIOLOGICAL-ANTIMICROBIAL ACTIVITY PRODUCTS	Bath-mat/ Carpet	Antimicrobial Assessment of Carpet Materials; Antibacterial activity	AATCC 174; Part II
3	BIOLOGICAL-ANTIMICROBIAL ACTIVITY PRODUCTS	Bath-mat/ Carpet	Antimicrobial Assessment of Carpet Materials; Antifungal activity	AATCC 174; Part III
4	BIOLOGICAL-ANTIMICROBIAL ACTIVITY PRODUCTS	Fabric/ Fibre	antibacterial activity of textile materials	ISO 20645
5	BIOLOGICAL-ANTIMICROBIAL ACTIVITY PRODUCTS	Fabric/ Fibre	Anti bacterial activity and efficacy on textile products	JIS L 1902
6	BIOLOGICAL-ANTIMICROBIAL ACTIVITY PRODUCTS	Fabric/ Fibre	Antibacterial activity Assessment of textile materials	AATCC 147
7	BIOLOGICAL-ANTIMICROBIAL ACTIVITY PRODUCTS	Fabric/ Fibre	Antibacterial activity of products	ISO 20743
8	BIOLOGICAL-ANTIMICROBIAL ACTIVITY PRODUCTS	Fabric/ Fibre	Antibacterial Finishes on textile materials	AATCC 100
9	BIOLOGICAL-ANTIMICROBIAL ACTIVITY PRODUCTS	Fabric/ Fibre	Antimicrobial activity of immobilized Antimicrobial agents under Dynamic contact conditions	ASTM E 2149 13a
10	BIOLOGICAL-ANTIMICROBIAL ACTIVITY PRODUCTS	Fabric/ Fibre	Population of Microorganism on Product	ISO/FDIS 11737 – 1; Part 1
11	BIOLOGICAL-ANTIMICROBIAL ACTIVITY PRODUCTS	Fabric/ Fibre	Quantitative Evaluation of the Antibacterial Properties of Porous Antibacterial Treated Articles	ASTM E 3160
12	BIOLOGICAL-ANTIMICROBIAL ACTIVITY PRODUCTS	Plastic/Coated Surfaces	Antibacterial activity and Efficacy	JIS Z 2801
13	BIOLOGICAL-ANTIMICROBIAL ACTIVITY PRODUCTS	Plastic/Coated Surfaces	Antimicrobial activity on Plastic and Other Non porous surfaces	ISO 22196

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14	BIOLOGICAL- BIOCIDES	Antiseptic/ Disinfectant/ Sanitizer	Chemical disinfectants and antiseptics – Quantitative suspension test for the evaluation of fungicidal or yeasticidal activity of chemical disinfectants and antiseptics (phase 2, step 1)	EN 13624
15	BIOLOGICAL- BIOCIDES	Antiseptics / Disinfectants / Sanitizers	Assessment of Antimicrobial Activity Using a Time-Kill Procedure	ASTM E 2315
16	BIOLOGICAL- BIOCIDES	Antiseptics / Disinfectants / Sanitizers	Chemical disinfectants and antiseptics – Quantitative suspension test for the evaluation of fungicidal or yeasticidal activity of chemical disinfectants and antiseptics (phase 2, step 1)	EN 1650
17	BIOLOGICAL- BIOCIDES	Antiseptics / Disinfectants / Sanitizers	Quantitative suspension test for the evaluation of bactericidal activity of chemical disinfectants and antiseptics (phase 2, step 1)	EN 1276
18	BIOLOGICAL- BIOCIDES	Antiseptics/ Disinfectant/ Sanitizer	Quantitative suspension test for the evaluation of bactericidal activity of chemical disinfectants and antiseptics (phase 2, step 1)	EN 13727
19	BIOLOGICAL- BIOLOGICAL TESTS ON OTHER MISCELLANEOUS TEST ITEMS	Fibres	Microbiological Examination Of Nonsterile Products: Microbial Enumeration Tests - Total Yeast & Mold Counts	Eu. Pharma 10.3, Chapter 2.6.12
20	BIOLOGICAL- BIOLOGICAL TESTS ON OTHER MISCELLANEOUS TEST ITEMS	Fibres	Microbiological Examination Of Nonsterile Products: Microbial Enumeration Tests - Total Yeast & Mold Counts	USP 39, Chapter
21	BIOLOGICAL- BIOLOGICAL TESTS ON OTHER MISCELLANEOUS TEST ITEMS	Fibres	Microbiological Examination Of Nonsterile Products: Microbial Enumeration Tests- Total Bacterial Count	Eu. Pharma 10.3, Chapter 2.6.12: 2021
22	BIOLOGICAL- BIOLOGICAL TESTS ON OTHER MISCELLANEOUS TEST ITEMS	Fibres	Microbiological Examination Of Nonsterile Products: Microbial Enumeration Tests- Total Bacterial Count	USP 39, Chapter

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23	BIOLOGICAL- BIOLOGICAL TESTS ON OTHER MISCELLANEOUS TEST ITEMS	Fibres	Microbiological Examination Of Nonsterile Products: Tests for Specified Microorganisms - Detection of Bile Tolerant Gram Negative Bacteria	Eu. Phama 10.3; Chapter 2.6.13pter 1
24	BIOLOGICAL- BIOLOGICAL TESTS ON OTHER MISCELLANEOUS TEST ITEMS	Fibres	Microbiological Examination Of Nonsterile Products: Tests for Specified Microorganisms - Detection of Bile Tolerant Gram Negative Bacteria	USP 39; Chapter 62>
25	BIOLOGICAL- BIOLOGICAL TESTS ON OTHER MISCELLANEOUS TEST ITEMS	Fibres	Microbiological Examination Of Nonsterile Products: Tests for Specified Microorganisms - Detection of Candida	Eu. Pharma 10.3; Chapter 2.6.13
26	BIOLOGICAL- BIOLOGICAL TESTS ON OTHER MISCELLANEOUS TEST ITEMS	Fibres	Microbiological Examination Of Nonsterile Products: Tests for Specified Microorganisms - Detection of Candida	USP 39; Chapter
27	BIOLOGICAL- BIOLOGICAL TESTS ON OTHER MISCELLANEOUS TEST ITEMS	Fibres	Microbiological Examination Of Nonsterile Products: Tests for Specified Microorganisms - Detection of Clostridia	Eu. Phamra 10.3; 2.6.13
28	BIOLOGICAL- BIOLOGICAL TESTS ON OTHER MISCELLANEOUS TEST ITEMS	Fibres	Microbiological Examination Of Nonsterile Products: Tests for Specified Microorganisms - Detection of Clostridia	usp 39; Chapter
29	BIOLOGICAL- BIOLOGICAL TESTS ON OTHER MISCELLANEOUS TEST ITEMS	Fibres	Microbiological Examination Of Nonsterile Products: Tests for Specified Microorganisms - Detection of Escherichia coli	Eu. Pharma 10.3, Chapter 2.6.13
30	BIOLOGICAL- BIOLOGICAL TESTS ON OTHER MISCELLANEOUS TEST ITEMS	Fibres	Microbiological Examination Of Nonsterile Products: Tests for Specified Microorganisms - Detection of Escherichia coli	USP 39, Chapter
31	BIOLOGICAL- BIOLOGICAL TESTS ON OTHER MISCELLANEOUS TEST ITEMS	Fibres	Microbiological Examination Of Nonsterile Products: Tests for Specified Microorganisms - Detection of Pseudomonas	Eu. Pharma 10.3, Chapter 2.6.13
32	BIOLOGICAL- BIOLOGICAL TESTS ON OTHER MISCELLANEOUS TEST ITEMS	Fibres	Microbiological Examination Of Nonsterile Products: Tests for Specified Microorganisms - Detection of Pseudomonas	USP 39, Chapter

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33	BIOLOGICAL- BIOLOGICAL TESTS ON OTHER MISCELLANEOUS TEST ITEMS	Fibres	Microbiological Examination Of Nonsterile Products: Tests for Specified Microorganisms - Detection of Salmonella	Eu. Pharma 10.3, Chapter 2.6.13
34	BIOLOGICAL- BIOLOGICAL TESTS ON OTHER MISCELLANEOUS TEST ITEMS	Fibres	Microbiological Examination Of Nonsterile Products: Tests for Specified Microorganisms - Detection of Salmonella	USP 39, Chapter
35	BIOLOGICAL- COSMETICS AND ESSENTIAL OILS	Skin Creams/ Lotions/ Oils etc	Pseudomonas aeruginosa	IS 14648
36	BIOLOGICAL- COSMETICS AND ESSENTIAL OILS	Skin Creams/ Lotions/ Oils etc	Staphylococcus aureus	IS 14648
37	BIOLOGICAL- COSMETICS AND ESSENTIAL OILS	Skin Creams/ Lotions/ Oils etc	Detection of Candida albicans	IS 14648
38	BIOLOGICAL- COSMETICS AND ESSENTIAL OILS	Skin Creams/ Lotions/ Oils etc	Detection of Escherichia coli	IS 14648
39	BIOLOGICAL- COSMETICS AND ESSENTIAL OILS	Skin Creams/ Lotions/ Oils etc	Total Viable Count	IS 14648
40	BIOLOGICAL- COSMETICS AND ESSENTIAL OILS	Skin Creams/ Lotions/ Oils etc	Total Yeast & mold Count	IS 14648
41	BIOLOGICAL- ENVIRONMENT AND POLLUTION	Hygiene Swab	Detection of Salmonella	IS 18593
42	BIOLOGICAL- ENVIRONMENT AND POLLUTION	Hygiene Swab	Enumeration of Enterobacteriaceae	IS 18593
43	BIOLOGICAL- ENVIRONMENT AND POLLUTION	Hygiene swabs	Total Yeast & Mold Count	IS 18593
44	BIOLOGICAL- ENVIRONMENT AND POLLUTION	Hygiene swabs	Coliform Count	IS 18593
45	BIOLOGICAL- ENVIRONMENT AND POLLUTION	Hygiene swabs	Escherichia coli	IS 18593
46	BIOLOGICAL- ENVIRONMENT AND POLLUTION	Hygiene swabs	Staphylococcus aureus	IS 18593
47	BIOLOGICAL- ENVIRONMENT AND POLLUTION	Hygiene swabs	Total Bacterial Count	IS 18593

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48	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Canned Food	Detection of Escherichia coli	IS 5887 (Part 1)
49	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Canned Food	Detection of Listeria monocytogenes	IS 14988 (Part 1)
50	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Canned Food	Detection of Salmonella	IS 5887 (Part 3): 1999, ISO 6579
51	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Canned Food	Detection of Staphylococcus aureus	IS 5887 (Part 2)
52	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Canned Food	Enumeration of Listeria monocytogenes	IS 14988 (Part 2)
53	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Canned Food	Enumeration of Bacillus cereus	IS 5887 (Part 6): 2012; ISO 7932
54	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Canned Food	Enumeration of Enterobacteriaceae	ISO:21528-2
55	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Canned Food	Enumeration of Escherichia coli (MPN)	IS 5887 (Part 1)
56	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Canned Food	Enumeration of Faecal streptococci (MPN)	IS 5887 (Part 2)
57	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Canned Food	Enumeration of Staphylococcus aureus	IS 5887 (Part 2)
58	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Canned Food	Total Plate Count	IS 5402: 2021/ ISO 4833-2013
59	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Canned Food	Enumeration of Coliforms	IS 5401 (Part 1): 2012 /ISO 4832
60	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Canned Food	Total Yeast & Mold Counts	IS 5403
61	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	fish	Enumeration of Enterobacteriaceae	ISO 21528-2

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62	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fish and Fish Products	Detection of Escherichia coli	IS 5887 (Part 1)
63	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fish and Fish Products	Detection of Listeria monocytogenes	IS 14988 (Part 1)
64	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fish and Fish Products	Detection of Salmonella	IS 5887 (Part 3): 1999, ISO 6579
65	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fish and Fish Products	Detection of Staphylococcus aureus	IS 5887 (Part 2)
66	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fish and Fish Products	Enumeration of Listeria monocytogenes	IS 14988 (Part 2)
67	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fish and Fish Products	Enumeration of Bacillus cereus	IS 5887 (Part 6): 2012; ISO 7932
68	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fish and Fish Products	Enumeration of Coliforms	IS 5401 (Part 1): 2012 /ISO 4832
69	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fish and Fish Products	Enumeration of Escherichia coli (MPN)	IS 5887 (Part 1)
70	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fish and Fish Products	Enumeration of Faecal streptococci (MPN)	IS 5887 (Part 2)
71	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fish and Fish Products	Enumeration of Staphylococcus aureus	IS 5887 (Part 2)
72	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fish and Fish Products	Total Plate Count	IS 5402: 2021/ ISO 4833-2013
73	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fish and Fish Products	Total Yeast & Mold Counts	IS 5403
74	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Meat & Processed Meat Products	Staphylococcus aureus	IS 5887 (Part 2)
75	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Meat & Processed Meat Products	Bacillus cereus	IS 5887 (Part 6): 2012; ISO 7932

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76	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Meat & Processed Meat Products	Detection of Escherichia coli	IS 5887 (Part 1)
77	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Meat & Processed Meat Products	Detection of Salmonella	IS 5887 (Part 3), ISO 6579
78	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Meat & Processed Meat Products	Enterobacteriaceae	ISO:21528-2
79	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Meat & Processed Meat Products	Enumeration of Coliforms	IS 5401 (Part 1): 2012 /ISO 4832
80	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Meat & Processed Meat Products	Enumeration of Escherichia coli (MPN)	IS 5887 (Part 1)
81	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Meat & Processed Meat Products	Faecal streptococci (MPN)	IS 5887 (Part 2)
82	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Meat & Processed Meat Products	Listeria monocytogenes	IS 14988 (Part 1)
83	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Meat & Processed Meat Products	Listeria monocytogenes	IS 14988 (Part 2)
84	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Meat & Processed Meat Products	Staphylococcus aureus	IS 5887 (Part 2)
85	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Meat & Processed Meat Products	Total Plate Count	IS 5402: 2012/ ISO 4833
86	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Meat & Processed Meat Products	Total Yeast & Mold Counts	IS 5403
87	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk and milk Products	Detection of Escherichia coli	IS 5887 (Part 1)
88	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk and milk Products	Detection of Listeria monocytogenes	IS 14988 (Part 1)
89	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk and milk Products	Detection of Salmonella	IS 5887 (Part 3), ISO 6579

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90	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk and milk Products	Detection of Staphylococcus aureus	IS 5887 (Part 2)
91	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk and milk Products	Enumeration of Listeria monocytogenes	IS 14988 (Part 2)
92	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk and milk Products	Enumeration of Bacillus cereus	IS 5887 (Part 6): 2012; ISO 7932
93	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk and milk Products	Enumeration of Coliforms	IS 5401 (Part 1): 2012 /ISO 4832
94	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk and milk Products	Enumeration of Enterobacteriaceae	ISO:21528-2
95	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk and milk Products	Enumeration of Escherichia coli (MPN)	IS 5887 (Part 1)
96	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk and milk Products	Enumeration of Faecal streptococci (MPN)	IS 5887 (Part 2)
97	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk and milk Products	Enumeration of Staphylococcus aureus	IS 5887 (Part 2)
98	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk and milk Products	Total Plate Count	IS 5402: 2012/ ISO 4833
99	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk and milk Products	Total Yeast & Mold Counts	IS 5403
100	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Spices and Condiments	Detection of Escherichia coli	IS 5887 (Part 1)
101	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Spices and Condiments	Detection of Listeria monocytogenes	IS 14988 (Part 1)
102	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Spices and Condiments	Detection of Salmonella	IS 5887 (Part 3): 1999, ISO 6579
103	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Spices and Condiments	Detection of Staphylococcus aureus	IS 5887 (Part 2)

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104	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Spices and Condiments	Enumeration of Listeria monocytogenes	IS 14988 (Part 2)
105	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Spices and Condiments	Enumeration of Bacillus cereus	IS 5887 (Part 6): 2012; ISO 7932
106	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Spices and Condiments	Enumeration of Coliforms	IS 5401 (Part 1): 2012 /ISO 4832
107	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Spices and Condiments	Enumeration of Enterobacteriaceae	ISO:21528-2
108	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Spices and Condiments	Enumeration of Escherichia coli (MPN)	IS 5887 (Part 1)
109	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Spices and Condiments	Enumeration of Faecal streptococci (MPN)	IS 5887 (Part 2)
110	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Spices and Condiments	Enumeration of Staphylococcus aureus	IS 5887 (Part 2)
111	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Spices and Condiments	Total Yeast & Mold Counts	IS 5403
112	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Spices and Condiments	Total Plate Count	IS 5402: 2021/ ISO 4833-2013
113	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Whole/ powdered cereal products	Detection of Escherichia coli	IS 5887 (Part 1)
114	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Whole/ powdered cereal products	Detection of Listeria monocytogenes	IS 14988 (Part 1)
115	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Whole/ powdered cereal products	Detection of Salmonella	IS 5887 (Part 3): 1999, ISO 6579
116	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Whole/ powdered cereal products	Detection of Staphylococcus aureus	IS 5887 (Part 2)
117	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Whole/ powdered cereal products	Enumeration of Listeria monocytogenes	IS 14988 (Part 2)

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118	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Whole/ powdered cereal products	Enumeration of Bacillus cereus	IS 5887 (Part 6): 2012; ISO 7932
119	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Whole/ powdered cereal products	Enumeration of Coliforms	IS 5401 (Part 1): 2012 /ISO 4832
120	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Whole/ powdered cereal products	Enumeration of Enterobacteriaceae	ISO:21528-2
121	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Whole/ powdered cereal products	Enumeration of Escherichia coli (MPN)	IS 5887 (Part 1)
122	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Whole/ powdered cereal products	Enumeration of Faecal streptococci (MPN)	IS 5887 (Part 2)
123	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Whole/ powdered cereal products	Enumeration of Staphylococcus aureus	IS 5887 (Part 2)
124	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Whole/ powdered cereal products	Total Plate Count	IS 5402: 2012/ ISO 4833
125	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Whole/ powdered cereal products	Total Yeast & Mold Counts	IS 5403
126	BIOLOGICAL- NUTRITIONAL SUPPLEMENTS	Nutritional Powders	Detection of Escherichia coli	IS 5887 (Part 1)
127	BIOLOGICAL- NUTRITIONAL SUPPLEMENTS	Nutritional Powders	Detection of Listeria monocytogenes	IS 14988 (Part 1)
128	BIOLOGICAL- NUTRITIONAL SUPPLEMENTS	Nutritional Powders	Detection of Salmonella	IS 5887 (Part 3), ISO 6579
129	BIOLOGICAL- NUTRITIONAL SUPPLEMENTS	Nutritional Powders	Detection of Staphylococcus aureus	IS 5887 (Part 2)
130	BIOLOGICAL- NUTRITIONAL SUPPLEMENTS	Nutritional Powders	Enumeration of Bacillus cereus	IS 5887 (Part 6): 2012; ISO 7932
131	BIOLOGICAL- NUTRITIONAL SUPPLEMENTS	Nutritional Powders	Enumeration of Coliforms	IS 5401 (Part 1): 2012 /ISO 4832

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132	BIOLOGICAL- NUTRITIONAL SUPPLEMENTS	Nutritional Powders	Enumeration of Enterobacteriaceae	ISO:21528-2
133	BIOLOGICAL- NUTRITIONAL SUPPLEMENTS	Nutritional Powders	Enumeration of Escherichia coli (MPN)	IS 5887 (Part 1)
134	BIOLOGICAL- NUTRITIONAL SUPPLEMENTS	Nutritional Powders	Enumeration of Staphylococcus aureus	IS 5887 (Part 2)
135	BIOLOGICAL- NUTRITIONAL SUPPLEMENTS	Nutritional Powders	Total Yeast & Mold Counts	IS 5403
136	BIOLOGICAL- NUTRITIONAL SUPPLEMENTS	Nutritional Powders	Enumeration of Faecal Streptococci (MPN)	IS 5887 (Part 2)
137	BIOLOGICAL- NUTRITIONAL SUPPLEMENTS	Nutritional Powders	Enumeration of Listeria monocytogenes	IS 14988 (Part 2)
138	BIOLOGICAL- NUTRITIONAL SUPPLEMENTS	Nutritional Powders	Total Plate Count	IS 5402: 2012/ ISO 4833-2013
139	BIOLOGICAL- RESISTANCE TO MICROBIAL ATTACK	Fabric	Anti Fungal activity, assessment of textile materials Mildew and Rot resistance of textile materials	AATCC 30 Part III
140	BIOLOGICAL- RESISTANCE TO MICROBIAL ATTACK	Polymeric Materials	Antifungal activity	ASTM G 21
141	BIOLOGICAL- TOXICOLOGY	Textiles and Fabrics	Biological evaluation of medical devices - Tests for in vitro cytotoxicity	ISO 10993: Part 5
142	BIOLOGICAL- TOXICOLOGY	Textiles and Fabrics	Biological evaluation of medical devices - Tests for in vitro cytotoxicity	ISO 10993-5
143	BIOLOGICAL- WATER	Drinking Water	Clostridium welchii	IS 1622
144	BIOLOGICAL- WATER	Drinking Water	Enumeration of coliforms (Membrane Filtration)	IS 15185
145	BIOLOGICAL- WATER	Drinking Water	Enumeration of coliforms (MPN)	IS 1622
146	BIOLOGICAL- WATER	Drinking Water	Enumeration of Escherichia coli (MPN)	IS 1622

SCOPE OF ACCREDITATION

Laboratory Name :	BIOTECH TESTING SERVICES (BTS), 104/105, MALWA INDUSTRIAL ESTATE, PATANWALA COMPOUND, LBS MARG, GHATKOPAR (WEST), MUMBAI, MAHARASHTRA, INDIA
Accreditation Standard	ISO/IEC 17025:2017
Certificate Number	TC-8484
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Validity	04/05/2022 to 03/05/2024
Last Amended on	14/10/2022

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
147	BIOLOGICAL- WATER	Drinking Water	Faecal Streptococci	IS 1622
148	BIOLOGICAL- WATER	Drinking Water	Standard plate count	IS 1622
149	BIOLOGICAL- WATER	Natural Mineral Water	Detection of Coliforms	IS 13428 (IS 5401)
150	BIOLOGICAL- WATER	Natural Mineral Water	Detection of E. coli	IS 13428 (IS 5887 (Part 1))
151	BIOLOGICAL- WATER	Natural Mineral Water	Detection of Faecal Streptococci	IS 13428 (IS 5887 (Part 2))
152	BIOLOGICAL- WATER	Natural Mineral Water	Detection of Pseudomonas aeruginosa	IS 13428; Annexure D
153	BIOLOGICAL- WATER	Natural Mineral Water	Detection of Salmonella/ 250 ml	IS 13428:2014 (IS 5887 (Part 3))
154	BIOLOGICAL- WATER	Natural Mineral Water	Detection of Sulphite reducing Anaerobes	IS 13428: Annexure C
155	BIOLOGICAL- WATER	Swimming Pool Water	Enumeration of Coliforms	IS 3328
156	BIOLOGICAL- WATER	Swimming pool Water	Standard Plate Count	IS 3328
157	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	pH @ 25	APHA 4500 H+ B (23rd Ed)
158	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	BOD (Biochemical Oxygen Demand) @27°C for 3days	IS 3025 (Part 44)
159	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	COD (Chemical Oxygen Demand)	APHA 5220 C (23rd Ed)
160	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Oil & Grease	APHA 5520 B (23rd Ed)
161	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Oil & Grease	IS 3025 (part 39)
162	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	pH @ 25	IS 3025 (part 11)
163	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Total Suspended solids	APHA 2540 D (23rd Ed)
164	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Total Suspended solids	IS 3025 (part 17)
165	CHEMICAL- WATER	Tap Water / Well Water	pH @25°C	IS 3025 (part 11)
166	CHEMICAL- WATER	Tap Water / Well Water	Total Alkalinity as CaCO3	IS 3025 (part 23)
167	CHEMICAL- WATER	Tap Water / Well water	Total Dissolved Solids	IS 3025 (part 16)
168	CHEMICAL- WATER	Tap Water / Well Water	Total Hardness as CaCO3	IS 3025 (part 21)
169	CHEMICAL- WATER	Tap Water / Well Water	Turbidity	IS 3025 (part 10)

SCOPE OF ACCREDITATION

Laboratory Name :	BIOTECH TESTING SERVICES (BTS), 104/105, MALWA INDUSTRIAL ESTATE, PATANWALA COMPOUND, LBS MARG, GHATKOPAR (WEST), MUMBAI, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-8484	**Page No**	13 of 13
Validity	04/05/2022 to 03/05/2024	**Last Amended on**	14/10/2022

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
170	CHEMICAL- WATER	Tap water/ Well water	Acidity @ pH 8.3 as CaCO3	APHA 2310 B (23rd Ed.)
171	CHEMICAL- WATER	Tap water/ Well water	Acidity as CaCO3	IS 3025 (part 22)
172	CHEMICAL- WATER	Tap water/ Well water	Chloride as Cl	APHA 4500 Cl B (23rd Ed.)
173	CHEMICAL- WATER	Tap water/ Well water	Chloride Cl	IS 3025 (Part 32)
174	CHEMICAL- WATER	Tap water/ Well water	pH @25°C	APHA 4500 H+ B (23rd Ed)
175	CHEMICAL- WATER	Tap water/ Well water	Total Alkalinity as CaCO3	APHA 2320 B (23rd Ed)
176	CHEMICAL- WATER	Tap water/ Well water	Total Dissolved Solids	APHA 2540 C (23rd Ed)
177	CHEMICAL- WATER	Tap water/ Well water	Total Hardness as CaCO3	APHA 2340 C (23rd Ed)
178	CHEMICAL- WATER	Tap water/ Well water	Turbidity	APHA 2130 B (23rd Ed.)

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.