National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : PADMAJA AEROBIOLOGICALS PVT. LTD., PLOT NO.36, SECTOR-24,TURBHE, NAVI MUMBAI, THANE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5088 **Page No** 1 of 6

Validity 01/01/2022 to 31/12/2023 **Last Amended on** 25/03/2022

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- FOOD AND AGRICULTURAL PRODUCTS	Biscuit, Bread, Cake, Cookies, Cookies mix chocolate, Nankatai, Bread sticks, Toast	Enumeration of E.Coli	BAM (Chap 4)
2	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Biscuit, Bread, Cake, Cookies, Cookies mix chocolate, Nankatai, Bread sticks, Toast	Enumeration of Coliforms	BAM (Chap 4)
3	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Biscuit, Bread, Cake, Cookies, Cookies mix chocolate, Nankatai, Bread sticks, Toast	S.aureus	BAM (Chap 12)
4	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Biscuit, Bread, Cake, Cookies, Cookies mix chocolate, Nankatai, Bread sticks, Toast	Salmonella	IS 5887 (Part 3)
5	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Biscuit, Bread, Cake, Cookies, Cookies mix chocolate, Nankatai, Bread sticks, Toast	Total Bacterial Count	BAM (Chap 3)
6	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Biscuit, Bread, Cake, Cookies, Cookies mix chocolate, Nankatai, Bread sticks, Toast	Total Yeast & Mould Count	BAM (Chap18)
7	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cooked Food (Chapati, Sabji, Pizza, Rice, Dal, Smosa, Vada, Indian Snacks)	Enumeration of Coliforms	BAM (Chap 4)
8	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cooked Food (Chapati, Sabji, Pizza, Rice, Dal, Smosa, Vada, Indian Snacks)	Enumeration of E.coli	BAM (Chap 4)
9	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cooked Food (Chapati, Sabji, Pizza, Rice, Dal, Smosa, Vada, Indian Snacks)	S.aureus	BAM (Chap 12)
10	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cooked Food (Chapati, Sabji, Pizza, Rice, Dal, Smosa, Vada, Indian Snacks)	Salmonella	IS 5887 (Part 3)
11	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cooked Food (Chapati, Sabji, Pizza, Rice, Dal, Smosa, Vada, Indian Snacks)	Total Bacterial Count	BAM (Chap 3)
12	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cooked Food (Chapati, Sabji, Pizza, Rice, Dal, Smosa, Vada, Indian Snacks)	Total Yeast & Mould Count	BAM (Chap18)
13	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	saffron,spilt cassia,clove,Mase,poppy seed,Garlic Powder.	salmonella	IS 5887 part 3
14	BIOLOGICAL- WATER	Water	E.coli	IS15185

SCOPE OF ACCREDITATION

Laboratory Name :	PADMAJA AEROBIOLOGICALS PVT. LTD., PLOT NO.36, SECTOR-24,TURBHE, NAVI MUMBAI, THANE, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5088	**Page No**	2 of 6
Validity	01/01/2022 to 31/12/2023	**Last Amended on**	25/03/2022

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
15	BIOLOGICAL- WATER	Water	Ecoli	IS 1622
16	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Ammonia	IS 5182(Part 25)
17	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Nitrogen dioxide	IS 5182 (Part 6)
18	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Ozone	IS 5182 (Part 9)
19	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	RSPM (PM10)	IS 5182 (Part 23)
20	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	RSPM (PM2.5)	CPCB Guidelne for the measurement of Ambient Air Pollutant, NAAQMS/36/2012-13 Vol I
21	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Sulfur dioxide	IS 5182 (Part 2)
22	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Sulphur Dioxide	IS 11255 (Part 2)
23	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Total Particulate Matter (TPM)	IS 11255 (Part 1)
24	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	(Biscuit, Bread, Bun Pav, Cake, Toast, Cookie)	Crude Fiber	IS 12711
25	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuit, Bread, Bun Pav, Cake, Toast, Cookie	Carbohydrates	SOP No. FD-009 Issue No.01 15.01
26	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuit, Bread, Bun Pav, Cake, Toast, Cookie	Energy	SOP No. FD-010 Issue No.01 15.01
27	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuit, Bread, Bun Pav, Cake, Toast, Cookie	Fat	IS 12711
28	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuit, Bread, Bun Pav, Cake, Toast, Cookie	Moisture	IS 12711
29	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuit, Bread, Bun Pav, Cake, Toast, Cookie	Protein	IS 7219
30	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuit, Bread, Bun Pav, Cake, Toast, Cookie	Ash	IS 12711

SCOPE OF ACCREDITATION

Laboratory Name :	PADMAJA AEROBIOLOGICALS PVT. LTD., PLOT NO.36, SECTOR-24,TURBHE, NAVI MUMBAI, THANE, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5088	**Page No**	3 of 6
Validity	01/01/2022 to 31/12/2023	**Last Amended on**	25/03/2022

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
31	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chilli, Coriander, Garam Masala, Hing, Pepper powder, Turmeric Powder	Ash	IS 1797
32	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chilli, Coriander, Garam Masala, Hing, Pepper powder, Turmeric Powder	Carbohydrates	SOP No. FD-009 Issue No.01 15.01
33	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chilli, Coriander, Garam Masala, Hing, Pepper powder, Turmeric Powder	Crude Fiber	IS 1797
34	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chilli, Coriander, Garam Masala, Hing, Pepper powder, Turmeric Powder	Energy	SOP No. FD-010 01 Issue No. 01 15.01
35	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chilli, Coriander, Garam Masala, Hing, Pepper powder, Turmeric Powder	Fat	FD-006 01 01
36	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chilli, Coriander, Garam Masala, Hing, Pepper powder, Turmeric Powder	Moisture	IS 1797
37	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chilli, Coriander, Garam Masala, Hing, Pepper powder, Turmeric Powder	Protein	IS 7219
38	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent water	Chloride	IS 3025 (Part 32)
39	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent sample	Chromium	IS 3025(P 52)
40	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent water	Aluminium	IS 3025 (Part 55)
41	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water	Cadmium	IS 3025 (Part 41)
42	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent water	Calcium	IS 3025 (Part 40)
43	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent water	Chemical Oxygen Demand	IS 3025 (P 58)
44	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent water	Cobalt	APHA 23rd Edition 311B
45	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent water	Hardness	IS:3025 (P-21)
46	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent water	Iron	IS 3025 (Part 53)

SCOPE OF ACCREDITATION

Laboratory Name : PADMAJA AEROBIOLOGICALS PVT. LTD., PLOT NO.36, SECTOR-24,TURBHE, NAVI MUMBAI, THANE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5088 **Page No** 4 of 6

Validity 01/01/2022 to 31/12/2023 **Last Amended on** 25/03/2022

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
47	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent water	Lead	IS 3025 (Part 47)
48	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent water	Magnesium	IS 3025 (Part 46)
49	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent water	Manganese	APHA 23rd Edition 3111
50	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent water	Nickel	IS 3025 (Part 54)
51	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent water	pH	IS 3025 (Part 11)
52	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent water	Sulphate	IS 3025 (Part 24)
53	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water	Total Alkalinity	IS 3025 (Part 23)
54	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent water	Total Ammoniacal Nitrogen	IS:3025(P-34)
55	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent water	Total Dissolved Solids	IS 3025 (Part 16)
56	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent water	Total Kjeldahl Nitrogen	IS 3025 (Part 34)
57	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent water	Total Suspended Solids	IS 3025 (Part 17)
58	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent water	Zinc	IS 3025 (Part 49)
59	CHEMICAL- POLLUTION & ENVIRONMENT	ETP / STP sludge / Hazardous wastes(Liquid, Slurry, Sludge, Solid, Powder, Semi-Solid)	Chromium	SW-846-7190
60	CHEMICAL- POLLUTION & ENVIRONMENT	ETP / STP sludge / Hazardous wastes(Liquid, Slurry, Sludge, Solid, Powder, Semi-Solid)	Cobalt	SW-846-7200
61	CHEMICAL- POLLUTION & ENVIRONMENT	ETP / STP sludge / Hazardous wastes(Liquid, Slurry, Sludge, Solid, Powder, Semi-Solid)	Copper	SW-846-7210
62	CHEMICAL- POLLUTION & ENVIRONMENT	ETP / STP sludge / Hazardous wastes(Liquid, Slurry, Sludge, Solid, Powder, Semi-Solid)	Iron	SW-846-7380
63	CHEMICAL- POLLUTION & ENVIRONMENT	ETP / STP sludge / Hazardous wastes(Liquid, Slurry, Sludge, Solid, Powder, Semi-Solid)	Lead	SW-846-7420
64	CHEMICAL- POLLUTION & ENVIRONMENT	ETP / STP sludge / Hazardous wastes(Liquid, Slurry, Sludge, Solid, Powder, Semi-Solid)	Loss On Drying (LOD)	APHA 23rd Edition 2540 B
65	CHEMICAL- POLLUTION & ENVIRONMENT	ETP / STP sludge / Hazardous wastes(Liquid, Slurry, Sludge, Solid, Powder, Semi-Solid)	Loss On Ignition (LOI)	APHA 23rd Edition 2540 E

SCOPE OF ACCREDITATION

Laboratory Name :	PADMAJA AEROBIOLOGICALS PVT. LTD., PLOT NO.36, SECTOR-24,TURBHE, NAVI MUMBAI, THANE, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5088	**Page No**	5 of 6
Validity	01/01/2022 to 31/12/2023	**Last Amended on**	25/03/2022

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
66	CHEMICAL- POLLUTION & ENVIRONMENT	ETP / STP sludge / Hazardous wastes(Liquid, Slurry, Sludge, Solid, Powder, Semi-Solid)	Manganese	SW-846-7460
67	CHEMICAL- POLLUTION & ENVIRONMENT	ETP / STP sludge / Hazardous wastes(Liquid, Slurry, Sludge, Solid, Powder, Semi-Solid)	Nickel	SW-846-7520
68	CHEMICAL- POLLUTION & ENVIRONMENT	ETP / STP sludge / Hazardous wastes(Liquid, Slurry, Sludge, Solid, Powder, Semi-Solid)	pH	SW-846-9045-C
69	CHEMICAL- POLLUTION & ENVIRONMENT	ETP / STP sludge / Hazardous wastes(Liquid, Slurry, Sludge, Solid, Powder, Semi-Solid)	Zinc	SW-846-7950
70	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Biochemical Oxygen Demand	IS 3025(Part 44)
71	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Dissolved Oxygen	IS 3025 (Part 38)
72	CHEMICAL- WATER	Drinking Water	Cadmium	IS 3025 (Part 41)
73	CHEMICAL- WATER	Water	Aluminium	IS 3025 (Part 55)
74	CHEMICAL- WATER	Water	Ammonia (as total ammonia-N)	IS 3025 (Part 34)
75	CHEMICAL- WATER	Water	Boron	APHA 23rd Edition 4500-B C, Carmine Method (Spectrophotometer)
76	CHEMICAL- WATER	Water	Calcium	IS 3025 (Part 40)
77	CHEMICAL- WATER	Water	Chloride (as Cl)	IS 3025 (Part 32)
78	CHEMICAL- WATER	Water	Colour	IS 3025 (Part 4) Platinum Cobalt
79	CHEMICAL- WATER	Water	Copper	IS 3025 (Part 42)
80	CHEMICAL- WATER	Water	Cyanide	APHA 23rd Edition 4500-CN-C&E, Distillation and Colorimetric Method
81	CHEMICAL- WATER	Water	Fluoride	APHA 23rd Edition 4500-F-, SPADNS Method
82	CHEMICAL- WATER	Water	Free Residual Chlorine	IS 3025 (Part 26)
83	CHEMICAL- WATER	Water	Iron	IS 3025 (Part 53)
84	CHEMICAL- WATER	Water	Lead	IS 3025 (Part 47)
85	CHEMICAL- WATER	Water	Magnesium	IS 3025 (Part 46)
86	CHEMICAL- WATER	Water	Manganese	APHA 23rd Edition 3111 B by AAS – Air-Ac Method
87	CHEMICAL- WATER	Water	Mercury	IS 3025 (Part 48)
88	CHEMICAL- WATER	Water	Nickel	IS 3025 (Part 54)

SCOPE OF ACCREDITATION

Laboratory Name :	PADMAJA AEROBIOLOGICALS PVT. LTD., PLOT NO.36, SECTOR-24,TURBHE, NAVI MUMBAI, THANE, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5088	**Page No**	6 of 6
Validity	01/01/2022 to 31/12/2023	**Last Amended on**	25/03/2022

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
89	CHEMICAL- WATER	Water	Nitrate	IS 3025 (Part 34)
90	CHEMICAL- WATER	Water	pH	IS 3025 (Part 11)
91	CHEMICAL- WATER	Water	Phenolic compounds	IS 3025 (Part 43)
92	CHEMICAL- WATER	Water	Selenium	IS 3025 (Part 56)
93	CHEMICAL- WATER	Water	Silver	APHA 23rd Edition 3111 B, by AAS – Air-Ac Method
94	CHEMICAL- WATER	Water	Sulphate	IS 3025 (Part 24) Turbidity Method
95	CHEMICAL- WATER	Water	Total Alkalinity as calcium carbonate	IS 3025 (Part 23)
96	CHEMICAL- WATER	Water	Total Dissolved Solids	IS 3025 (Part 16)
97	CHEMICAL- WATER	Water	Total Hardness (Calcium carbonate)	IS 3025 (Part 21)
98	CHEMICAL- WATER	Water	Turbidity	IS 3025 (Part 10)
99	CHEMICAL- WATER	Water	Zinc	IS 3025 (Part 49)