National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : ENVIRON TECH LABORATORIES, C-101, INDUSTRIAL AREA, PHASE-7, SECTOR 73, MOHALI, SAS NAGAR, PUNJAB, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5879 **Page No** 1 of 7

Validity 16/12/2021 to 23/04/2023 **Last Amended on** -

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	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Fine particulate matter (PM 2.5)	IS 5182(Pt-24): 2019
2	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Nitrogen Dioxide	IS:5182(Pt-6):2006
3	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Respirable suspended particulate matter(PM 10)	IS:5182(Pt -23):2006
4	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Sulphur dioxide	IS:5182(Pt-2):2001
5	CHEMICAL- ATMOSPHERIC POLLUTION	Noise	Noise level monitoring	IS: 9989-2001
6	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Oxides of nitrogen	IS:11255(Pt-7):2005
7	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Particulate matter	IS:11255(Pt -1): 2003
8	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Sulphur dioxide	IS:11255(Pt-2):2003
9	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ghee	Acid Value	IS 3508: 2003
10	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ghee	Baudouin Test	IS 3508: 2003
11	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ghee	Peroxide Value	IS 3508: 2003
12	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ghee	Rechert Meissl Value	IS 3508: 2003
13	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Paneer	Fat	Method 5.3 FSSAI Manual for Milk and Milk products
14	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Paneer	Moisture	Method 5.2 FSSAI Manual for Milk and Milk products
15	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Paneer	Starch	Method 5.4 FSSAI Manual for Milk and Milk products

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5879 **Page No** 2 of 7

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16	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Pulses and Cereal	Acid Insoluble Ash	IS 1155: 2010
17	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Pulses and Cereal	Alcoholic Acidity	IS 1155: 2010
18	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Pulses and Cereal	Calcium as Ca	IS 1797: 2017
19	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Pulses and Cereal	Gluten	IS: 1155: 2010
20	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Pulses and Cereal	Iron as Fe	IS 14433: 2007
21	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Pulses and Cereal	Moisture	IS 1155:2010
22	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Pulses and Cereal	Total Ash	IS 1155: 2010
23	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Raw Milk/Packaged Pasteurized Milk/ Sterilized milk/ Flavoured Milk	Boric acid	Method 1.2.19 FSSAI Manual for Milk and Milk products
24	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Raw Milk/Packaged Pasteurized Milk/ Sterilized milk/ Flavoured Milk	Hydrogen Peroxide	Method 1.2.18 FSSAI Manual for Milk and Milk products
25	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Raw Milk/Packaged Pasteurized Milk/ Sterilized milk/ Flavoured Milk	Nitrates	Method 1.2.10 FSSAI Manual for Milk and Milk products
26	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Raw Milk/Packaged Pasteurized Milk/ Sterilized milk/ Flavoured Milk	Sucrose	Method 1.2.1 FSSAI Manual for Milk and Milk products
27	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Raw Milk/Packaged Pasteurized Milk/ Sterilized milk/ Flavoured Milk	Sulphates	Method 1.2.6 FSSAI Manual for Milk and Milk products
28	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Raw Milk/Packaged Pasteurized Milk/ Sterilized milk/ Flavoured Milk	Urea	Method 1.2.4 FSSAI Manual for Milk and Milk products
29	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Raw Milk/Packaged Pasteurized Milk/ Sterilized milk/ Flavoured Milk	Cellulose	Method 1.2.3 FSSAI Manual for Milk and Milk products

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Laboratory Name : ENVIRON TECH LABORATORIES, C-101, INDUSTRIAL AREA, PHASE-7, SECTOR 73, MOHALI, SAS NAGAR, PUNJAB, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5879 **Page No** 3 of 7

Validity 16/12/2021 to 23/04/2023 **Last Amended on** -

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30	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Raw Milk/Packaged Pasteurized Milk/ Sterilized milk/ Flavoured Milk	Clot on boiling	IS 1479 (Part-1): 2016
31	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Raw Milk/Packaged Pasteurized Milk/ Sterilized milk/ Flavoured Milk	Fat	Method 1.3.4.1 FSSAI Manual for Milk and Milk products
32	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Raw Milk/Packaged Pasteurized Milk/ Sterilized milk/ Flavoured Milk	Formalin	Method 1.2.17 FSSAI Manual for Milk and Milk products
33	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Raw Milk/Packaged Pasteurized Milk/ Sterilized milk/ Flavoured Milk	Glucose	Method 1.2.7 FSSAI Manual for Milk and Milk products
34	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Raw Milk/Packaged Pasteurized Milk/ Sterilized milk/ Flavoured Milk	Methylene blue reduction test	IS 1479 (Part-1): 2016
35	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Raw Milk/Packaged Pasteurized Milk/ Sterilized milk/ Flavoured Milk	Milk solids not fat (SNF), percent by mass	IS 12333 : 2017
36	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Raw Milk/Packaged Pasteurized Milk/ Sterilized milk/ Flavoured Milk	Neutralizers	IS 1479 (Part-1) : 2016/ Method 1.2.11 FSSAI Manual for Milk and Milk products
37	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Raw Milk/Packaged Pasteurized Milk/ Sterilized milk/ Flavoured Milk	pH	IS 1479 (Part 2): 2009
38	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Raw Milk/Packaged Pasteurized Milk/ Sterilized milk/ Flavoured Milk	Phosphatase Test	Method 1.3.1 FSSAI Manual for Milk and Milk products
39	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Raw Milk/Packaged Pasteurized Milk/ Sterilized milk/ Flavoured Milk	Starch	Method 1.2.2 FSSAI Manual for Milk and Milk products
40	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Raw Milk/Packaged Pasteurized Milk/ Sterilized milk/ Flavoured Milk	Titratable acidity	IS 1479 (Part-1): 2016
41	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Wheat Flour	Acid Insoluble Ash	IS: 1155: 2010
42	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Wheat Flour	Crude Protein	IS:7219 1973
43	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Wheat Flour	Crude Fiber	IS: 1155: 2010

SCOPE OF ACCREDITATION

Laboratory Name : ENVIRON TECH LABORATORIES, C-101, INDUSTRIAL AREA, PHASE-7, SECTOR 73, MOHALI, SAS NAGAR, PUNJAB, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5879 **Page No** 4 of 7

Validity 16/12/2021 to 23/04/2023 **Last Amended on** -

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44	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Wheat Flour	Gluten (Dry)	IS 1155: 2015
45	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Wheat Flour	Total Ash	IS: 1155: 2010
46	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Wheat Flour	Moisture	IS: 1155: 2010
47	CHEMICAL- POLLUTION & ENVIRONMENT	soil	Cations Exchange Capacity	IS:2720(Pt-24):2010
48	CHEMICAL- POLLUTION & ENVIRONMENT	soil	Chloride as Cl	USDA 1954: 2010
49	CHEMICAL- POLLUTION & ENVIRONMENT	soil	Conductivity	IS:14767,2000, Reaff. -2016
50	CHEMICAL- POLLUTION & ENVIRONMENT	soil	Organic matter	IS: 2720 (Pt-22):2010
51	CHEMICAL- POLLUTION & ENVIRONMENT	soil	pH	IS: 2720(Pt-26):2002
52	CHEMICAL- POLLUTION & ENVIRONMENT	soil	Soil mositure content	IS :2720(P-2) :2010
53	CHEMICAL- POLLUTION & ENVIRONMENT	soil	Soluble SO4 (Total)	IS:2720(pt-27):2006
54	CHEMICAL- POLLUTION & ENVIRONMENT	soil	Total kjeldahl nitrogen	IS:14684:2005
55	CHEMICAL- POLLUTION & ENVIRONMENT	soil	Water soluble solids	IS : 2720(P-21):2001
56	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Ammonical nitrogen as N	IS:3025,(Part-34)2003, Reaff. 2014 APHA 23rd Edition:2017 -4500- NH3 C
57	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	BOD	IS:3025,(Part-44):2009, Reaff. 2014 APHA 23rd Edition:2017 -5210 B
58	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Cadmium	APHA 23rd Edition:2017-3111B
59	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Chromium	APHA 23rd Edition:2017-3111B
60	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	COD	IS:3025,(Part-58)2006, Reaff. 2017 APHA 23rd Edition:2017 (5220 B)

SCOPE OF ACCREDITATION

Laboratory Name : ENVIRON TECH LABORATORIES, C-101, INDUSTRIAL AREA, PHASE-7, SECTOR 73, MOHALI, SAS NAGAR, PUNJAB, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5879 **Page No** 5 of 7

Validity 16/12/2021 to 23/04/2023 **Last Amended on** -

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61	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Copper	APHA 23rd Edition:2017-3111B
62	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Dissolved oxygen	IS:3025,(Part-38)2003, Reaff. 2014 APHA 23rd Edition:2017 -4500-O C
63	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Lead	APHA 23rd Edition:2017-3111B
64	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Manganese	APHA 23rd Edition:2017-3111B
65	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Nickel	APHA 23rd Edition:2017-3111B
66	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	oil & greases	IS:3025,(Part-39)2003, Reaff. 2014 APHA 23rd Edition:2017 -5520 B
67	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	pH	IS:3025,(Part-11)2002. Reaff. 2017 APHA 23rd Edition:2017-4500 –H + B
68	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Total dissolved solids	IS:3025,(Part-16)2006, Reaff. 2017 APHA 23rd Edition:2017 -2540 C
69	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Total Kjeldahl nitrogen as N	IS:3025,(Part-34)2003, Reaff. -2014 APHA 23rd Edition:2017 -4500-Norg B
70	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Total suspended solids	IS:3025,(Part-17)2012, Reaff. 2017 APHA 23rd Edition:2017,2540 D
71	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Zinc	APHA 23rd Edition:2017-3111B
72	CHEMICAL- RESIDUES IN WATER	potable and domestic water	Boron	IS:3025,(Part-57):2005, Reaff. -2017 APHA 23rd Edition:2017 -4500 B B
73	CHEMICAL- RESIDUES IN WATER	potable and domestic water	Cadmium	APHA 23rd Edition:2017-3111B
74	CHEMICAL- RESIDUES IN WATER	potable and domestic water	Chromium	APHA 23rd Edition:2017-3111B
75	CHEMICAL- RESIDUES IN WATER	potable and domestic water	Copper	APHA 23rd Edition:2017-3111B
76	CHEMICAL- RESIDUES IN WATER	potable and domestic water	Iron	IS:3025,(Part-53):2003, Reaff. 2014 APHA 23rd Edition:2017 -3500 Fe B

SCOPE OF ACCREDITATION

Laboratory Name : ENVIRON TECH LABORATORIES, C-101, INDUSTRIAL AREA, PHASE-7, SECTOR 73, MOHALI, SAS NAGAR, PUNJAB, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5879 **Page No** 6 of 7

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77	CHEMICAL- RESIDUES IN WATER	potable and domestic water	Lead	APHA 23rd Edition:2017-3111B
78	CHEMICAL- RESIDUES IN WATER	potable and domestic water	Manganese	APHA 23rd Edition:2017-3111B
79	CHEMICAL- RESIDUES IN WATER	potable and domestic water	Nickel	APHA 23rd Edition:2017-3111B
80	CHEMICAL- RESIDUES IN WATER	potable and domestic water	Zinc	APHA 23rd Edition:2017-3111B
81	CHEMICAL- WATER	Potable & domestic water	Acidity	IS:3025,(Part-22)2003, Reaff. 2014 APHA 23rd Edition:2017-2310 B
82	CHEMICAL- WATER	Potable & domestic water	Alkalinity	IS:3025,(Part-23)2003, Reaff. 2014 APHA 23rd Edition:2017-2320 B
83	CHEMICAL- WATER	Potable & domestic water	Calcium	IS:3025,(Part-40)2003, Reaff. 2014 APHA 23rd Edition:2017 -3500 Ca B
84	CHEMICAL- WATER	Potable & domestic water	Chloride	IS:3025,(Part-32)2003, Reaff. 2014 APHA 23rd Edition:2017 -4500 Cl- B
85	CHEMICAL- WATER	Potable & domestic water	Color	IS:3025,(Part-4)2002, Reaff. 2017 APHA 23rd Edition:2017 -2120 B
86	CHEMICAL- WATER	Potable & domestic water	Fluoride	IS:3025,(Part-60) : 2008, Reaff. 2013 APHA 23rd Edition:2017 -4500 F- D
87	CHEMICAL- WATER	Potable & domestic water	Magnesium	IS:3025,(Part-46)2003, Reaff. 2014 APHA 23rd Edition:2017 -3500 Mg B
88	CHEMICAL- WATER	Potable & domestic Water	Nitrate	IS:3025,(Part-34)2003,Reaff. 2014 APHA 23rd Edition:2017 -4500 NO3- B
89	CHEMICAL- WATER	Potable & domestic water	NItrite	IS:3025,(Part-34)2003, Reaff. 2014 APHA 23rd Edition:2017 -4500 NO2 - B
90	CHEMICAL- WATER	Potable & domestic water	Phosphate as P	IS:3025,(Part-31)2003, Reaff. -2014 APHA 23rd Edition:2017 -4500 P C
91	CHEMICAL- WATER	Potable & domestic water	Potassium	IS:3025,(Part-45)2003, Reaff. 2014 APHA 23rd Edition:2017 -3500 K B

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Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5879	**Page No**	7 of 7
Validity	16/12/2021 to 23/04/2023	**Last Amended on**	-

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92	CHEMICAL- WATER	Potable & domestic water	Reactive Silica as SiO2	IS:3025,(part35):2003, Reaff. 2014 APHA 23rd Edition:2017 -4500 SiO2 C
93	CHEMICAL- WATER	Potable & domestic water	Residual free chlorine	IS:3025,(Part-26)2003, Reaff. 2014 APHA 23rd Edition:2017 -4500 Cl B
94	CHEMICAL- WATER	Potable & domestic water	Specific conductance	IS:3025,(Part-14)2002, Reaff. 2013 APHA 23rd Edition:2017 -2510 B
95	CHEMICAL- WATER	Potable & domestic water	Sulphate	IS:3025,(Part-24)2003, Reaff. 2014 APHA 23rd Edition:2017 -4500 SO42- E
96	CHEMICAL- WATER	Potable & domestic water	Sulphide	IS :3025 (Part-29)2003,Reaff-2014 APHA 23rd Edition:2017 -4500 S F
97	CHEMICAL- WATER	Potable & domestic water	Temprature	IS :3025 (Part-9), APHA 23rd Edition, 2550 B
98	CHEMICAL- WATER	Potable & domestic water	Total Hardness as CaCO3	IS:3025,(Part-21)2009, Reaff. 2014 APHA 23rd Edition:2017 -2340 C
99	CHEMICAL- WATER	Potable &domestic water	Sodium	IS:3025,(Part-45)2003, Reaff. 2014 APHA 23rd Edition:2017 ,3500 Na B
100	CHEMICAL- WATER	Potable and domestic water	pH	IS:3025,(Part-11)2002, Reaff. 2017 APHA 23rd Edition:2017 -4500 –H + B
101	CHEMICAL- WATER	potable and domestic water	total dissolved solids	IS:3025,(Part-16)2006, Reaff. 2017 APHA 23rd Edition:2017 -2540 C
102	CHEMICAL- WATER	Potable and domestic water	turbidity	IS:3025,(Part-10)2002, Reaff. 2017 APHA 23rd Edition:2017 -2130 B