National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : K N LABORATORY, A DIVISION OF K N BIOSCIENCES (INDIA) PRIVATE LIMITED, SURVEY NO. 487, BACHUPALLY (V), QUTHBULLAPUR (M), RANGAREDDY (D), HYDERABAD, TELANGANA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7712 **Page No** 1 of 3

Validity 11/04/2023 to 10/04/2025 **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	BIOLOGICAL-BIOPESTICIDES AND BIOFERTILIZERS	Azotobacter Biofertilizer -Powder	Total Viable Count	FCO, Schedule III, (Part D-1B)
2	BIOLOGICAL-BIOPESTICIDES AND BIOFERTILIZERS	Azotobacter Biofertilizer-Liquid	Total Viable Count	FCO, Schedule III, (Part D-1B)
3	BIOLOGICAL-BIOPESTICIDES AND BIOFERTILIZERS	Biofertilizer-Phosphate Solubilizing Bacteria Liquid	Total Viable Count	FCO, Schedule III, (Part D-1D)
4	BIOLOGICAL-BIOPESTICIDES AND BIOFERTILIZERS	Biofertilizer-Phosphate Solubulizing Bacteria Powder	Total Viable Count	FCO, Schedule III, (Part D-1D)
5	BIOLOGICAL-BIOPESTICIDES AND BIOFERTILIZERS	Biofertilizer-Potash Solubulizing Bacteria Liquid	Total Viable Count	FCO, Schedule III, (Part D-1F)
6	BIOLOGICAL-BIOPESTICIDES AND BIOFERTILIZERS	Biofertilizer-Potash Solubulizing Bacteria Powder	Total Viable Count	FCO, Schedule III, (Part D-1F)
7	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Waste Water	E.coli	IS 1622
8	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Waste Water	Faecal Coliforms	IS 1622
9	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Waste Water	Total Coliform Count	IS 1622
10	BIOLOGICAL- WATER	Drinking Water	Faecal Coliforms	IS 1622
11	BIOLOGICAL- WATER	Drinking Water	Total Plate Count	IS 1622
12	BIOLOGICAL- WATER	Drinking Water	Yeast and Moulds	IS 5403
13	BIOLOGICAL- WATER	Ground Water	E.coli	IS 1622
14	BIOLOGICAL- WATER	Ground Water	Faecal Coliforms	IS 1622
15	BIOLOGICAL- WATER	Ground Water	Total Coliform Count	IS 1622
16	BIOLOGICAL- WATER	Ground Water	Total Plate Count	IS 1622
17	BIOLOGICAL- WATER	Ground Water	Yeast and Moulds	IS 5403
18	BIOLOGICAL- WATER	Packaged Drinking Water	Total Plate Count	IS 1622
19	BIOLOGICAL- WATER	Packaged Drinking Water	Yeast and Moulds	IS 5403

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20	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Nitrogen Dioxide (NO2)	IS 5182 (Part 6)
21	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	PM10	IS 5182 (Part 23)
22	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Sulphur Dioxide (SO2)	IS 5182 (Part 2)
23	CHEMICAL- ATMOSPHERIC POLLUTION	Noise Level Monitoring	Ambient Noise Level Monitoring	IS 9989
24	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Particulate Matter	IS 11255 (Part 1)
25	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Sulphur Dioxide (SO2)	IS 11255 (Part 2)
26	CHEMICAL- FERTILIZERS	Bio-fertilizers, Organic Fertilizers, City Compost, Vermi compost Organic manure	pH	FCO, Schedule IV, (Part D 1)
27	CHEMICAL- FERTILIZERS	Bio-fertilizers, Organic Fertilizers, City Compost, Vermi compost Organic manure	Moisture	FCO, Schedule IV, (Part D2)
28	CHEMICAL- FERTILIZERS	Organic Fertilizers, City Compost, Vermi compost, Organic manure	Carbon:Nitrogen Ratio	FCO, Schedule IV, (Part D7)
29	CHEMICAL- FERTILIZERS	Organic Fertilizers, City Compost, Vermi compost, Organic manure	Organic Carbon	FCO, Schedule IV, (Part D5)
30	CHEMICAL- FERTILIZERS	Organic Fertilizers- City Compost, Vermi compost Organic manure	Zinc	FCO, Schedule IV, (Part D10)
31	CHEMICAL- FERTILIZERS	Organic Fertilizers- City Compost, Vermi compost, Organic manure	Cadmium	FCO, Schedule IV, (Part D10)
32	CHEMICAL- FERTILIZERS	Organic Fertilizers- City Compost, Vermi compost Organic manure	Electrical Conductivity	FCO, Schedule IV, (Part D4)
33	CHEMICAL- FERTILIZERS	Organic Fertilizers-City Compost, Vermi compost Organic manure	Chromium	FCO, Schedule IV, (Part D10)
34	CHEMICAL- FERTILIZERS	Organic Fertilizers-City Compost, Vermi compost Organic manure	Copper	FCO, Schedule IV, (Part D10)
35	CHEMICAL- FERTILIZERS	Organic Fertilizers-City Compost, Vermi compost, Organic manure	Lead	FCO, Schedule IV, (Part D10)
36	CHEMICAL- FERTILIZERS	Organic Fertilizers-City Compost, Vermi compost, Organic manure	Total Potassium	FCO, Schedule IV, (Part D9)
37	CHEMICAL- FERTILIZERS	Organic Fertilizers-City Compost, Vermi compost, Organic manure	Total Nitrogen	FCO, Schedule IV, (Part D6)
38	CHEMICAL- WATER	Drinking Water	Calcium as Ca	IS 3025 (Part 40)
39	CHEMICAL- WATER	Drinking Water	Chlorides	IS 3025 (Part 32)

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40	CHEMICAL- WATER	Drinking Water	Conductivity	IS 3025 (Part 14)
41	CHEMICAL- WATER	Drinking Water	Magnesium as Mg	IS 3025 (Part 46)
42	CHEMICAL- WATER	Drinking Water	pH	IS 3025 (Part 11)
43	CHEMICAL- WATER	Drinking Water	Potassium	IS 3025 (Part 45)
44	CHEMICAL- WATER	Drinking Water	Sodium	IS 3025 (Part 45)
45	CHEMICAL- WATER	Drinking Water	Total Alkalinity as CaCO3	IS 3025 (Part 23)
46	CHEMICAL- WATER	Drinking Water	Total Hardness as CaCO3	IS 3025 (Part 21)
47	CHEMICAL- WATER	Drinking Water	Turbidity	IS 3025 (Part 10)
48	CHEMICAL- WATER	Ground Water	Calcium as Ca	IS 3025 (Part 40)
49	CHEMICAL- WATER	Ground Water	Chlorides	IS 3025 (Part 32)
50	CHEMICAL- WATER	Ground Water	Conductivity	IS 3025 (Part 14)
51	CHEMICAL- WATER	Ground Water	Magnesium as Mg	IS 3025 (Part 46)
52	CHEMICAL- WATER	Ground Water	pH	IS 3025 (Part 11)
53	CHEMICAL- WATER	Ground Water	Potassium	IS 3025 (Part 45)
54	CHEMICAL- WATER	Ground Water	Sodium	IS 3025 (Part 45)
55	CHEMICAL- WATER	Ground Water	Total Alkalinity as CaCO3	IS 3025 (Part 23)
56	CHEMICAL- WATER	Ground Water	Total Hardness as CaCO3	IS 3025 (Part 21)
57	CHEMICAL- WATER	Ground Water	Turbidity	IS 3025 (Part 10)
58	CHEMICAL- WATER	Packaged Drinking Water	Calcium as Ca	IS 3025 (Part 40)
59	CHEMICAL- WATER	Packaged Drinking Water	Chlorides	IS 3025 (Part 32)
60	CHEMICAL- WATER	Packaged Drinking Water	Conductivity	IS 3025 (Part 14)
61	CHEMICAL- WATER	Packaged Drinking Water	Magnesium as Mg	IS 3025 (Part 46)
62	CHEMICAL- WATER	Packaged Drinking Water	pH	IS 3025 (Part 11)
63	CHEMICAL- WATER	Packaged Drinking Water	Potassium	IS 3025 (Part 45)
64	CHEMICAL- WATER	Packaged Drinking Water	Sodium	IS 3025 (Part 45)
65	CHEMICAL- WATER	Packaged Drinking Water	Total Hardness as CaCO3	IS 3025 (Part 21)
66	CHEMICAL- WATER	Packaged Drinking Water	Turbidity	IS 3025 (Part 10)

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.