National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : LAVIN LABORATORIES, H.NO. 4-1-91/249/21, 2ND FLOOR, NMR COMPLEX,BHAVANI NAGAR, NACHARAM, HYDERABAD, TELANGANA, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 26/05/2023 to 25/11/2023 **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	BIOLOGICAL- ANIMAL FOOD & FEED	Animal and Poultry Feed	Bacterial Count	LL/HYD/MB/SOP 239 Enumeration of Plate count, Issue no.1, Issue date 02.01.
2	BIOLOGICAL- ANIMAL FOOD & FEED	Animal and Poultry Feed	Coliforms	LL/HYD/MB/SOP 241 Detection of Coliform and Ecoli ,Issue no.1, Issue date 02.01
3	BIOLOGICAL- ANIMAL FOOD & FEED	Animal and Poultry Feed	Escherichia coli	LL/HYD/MB/SOP 241 Detection of Coliform and Ecoli , Issue no 1,Issue date 02.01
4	BIOLOGICAL- ANIMAL FOOD & FEED	Animal and Poultry Feed	Listeria monocytogenes	LL/HYD/MB/SOP 243 Detection of Listeria Monocytogenes , Issue no.1,Issue date:02.01
5	BIOLOGICAL- ANIMAL FOOD & FEED	Animal and Poultry Feed	Salmonella	ISO 6579-1
6	BIOLOGICAL- ANIMAL FOOD & FEED	Animal and Poultry Feed	Straphylococcus aureus	LL/HYD/MB/SOP 240 Detection of Staphylococcus Aureus, Issue no.1, Issue date 02.01
7	BIOLOGICAL- ANIMAL FOOD & FEED	Animal and Poultry Feed	Yeast and Molds	LL/HYD/MB/SOP 242 Detection of Yeast and Moulds, Issue no.1, Issue date 02.01
8	BIOLOGICAL- ENVIRONMENT AND POLLUTION	"Surface Monitoring (Swabs from food contact surfaces/workers hand/worker uniform/ food processing equipment/surface/packing materials ,containers ,Utensils/ Floor/)"	Bacterial Count	LL/HYD/MB/SOP 247 Detection of Aerobic Bacterial Count , Issue no.1, Issue date 02.01
9	BIOLOGICAL- ENVIRONMENT AND POLLUTION	"Surface Monitoring (Swabs from food contact surfaces/workers hand/worker uniform/ food processing equipment/surface/packing materials ,containers ,Utensils/ Floor/)"	Coliform	LL/HYD/MB/SOP 248 Detection of Coliform and Ecoli , Issue no 1, Issue date 02.01
10	BIOLOGICAL- ENVIRONMENT AND POLLUTION	"Surface Monitoring (Swabs from food contact surfaces/workers hand/worker uniform/ food processing equipment/surface/packing materials ,containers ,Utensils/ Floor/)"	Escherichia Coli	LL/HYD/MB/SOP 248 Detection of Coliform and Ecoli, Issue no.1, Issue date 02.01
11	BIOLOGICAL- ENVIRONMENT AND POLLUTION	"Surface Monitoring (Swabs from food contact surfaces/workers hand/worker uniform/ food processing equipment/surface/packing materials ,containers ,Utensils/ Floor/)"	Listeria monocytogenes	LL/HYD/MB/SOP 245 Detection of Listeria Monocytogenes, Issue no.1, Issue date.02.01
12	BIOLOGICAL- ENVIRONMENT AND POLLUTION	"Surface Monitoring (Swabs from food contact surfaces/workers hand/worker uniform/ food processing equipment/surface/packing materials ,containers ,Utensils/ Floor/)"	Salmonella	LL/HYD/MB/SOP 246 Detection of Salmonella , Issue no.1 , Issue date 02.01

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13	BIOLOGICAL-ENVIRONMENT AND POLLUTION	"Surface Monitoring (Swabs from food contact surfaces/workers hand/worker uniform/ food processing equipment/surface/packing materials ,containers ,Utensils/ Floor/)"	Staphylococcus aureus	LL/HYD/MB/SOP 249 Detection of Straphylococcus Aureus , Issue no.1, Issue date 02.01
14	BIOLOGICAL-ENVIRONMENT AND POLLUTION	"Surface Monitoring (Swabs from food contact surfaces/workers hand/worker uniform/ food processing equipment/surface/packing materials ,containers ,Utensils/ Floor/)"	Yeasts and Molds	LL/HYD/MB/SOP 250 Detection of Yeast and Moulds , Issue no.01 , Issue date
15	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Waste Water	Fecal Streptococcus	APHA 23rd Edition 9230 B
16	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Waste Water (Influent and Effluent)	Escherichia coli	APHA 23rd Edition 9221 F
17	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Waste Water (Influent and Effluent)	Fecal Coliforms	APHA 23rd Edition 9221 E
18	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Waste Water (Influent and Effluent)	Heterotrophic Plate Count (Standard Plate Count)	APHA 23rd Edition 9215 C
19	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Waste Water (Influent and Effluent)	Total Coliforms	APHA 23rd Edition 9221 B
20	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cereals & Pulses	Bacterial Count	LL/HYD/MB/SOP 239 Enumeration of Plate count Issue no.1,Issue date 02.01
21	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Canned food,Tinned food, Packed food,Semi Processed food & Ready to Eat Food	Bacterial Count	LL/HYD/MB/SOP 239 Enumeration of Plate count Issue no.1,Issue date 02.01
22	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Canned food,Tinned food, Packed food,Semi Processed food & Ready to Eat Food	Coliform	LL/HYD/MB/SOP 241 Detection of Coliform and Ecoli Issue no.1,Issue date 02.01
23	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Canned food,Tinned food, Packed food,Semi Processed food & Ready to Eat Food	Escherichia coli	LL/HYD/MB/SOP 241 Detection of Coliform and Ecoli Issue no.1,Issue date 02.01
24	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Canned food,Tinned food, Packed food,Semi Processed food & Ready to Eat Food	Listeria monocytogenes	LL/HYD/MB/SOP 243 Detection of Listeria Monocytogenes Issue no.1,Issue date 02.01
25	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Canned food,Tinned food, Packed food,Semi Processed food & Ready to Eat Food	Salmonella	ISO 6579-1

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26	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Canned food,Tinned food, Packed food,Semi Processed food & Ready to Eat Food	Staphylococcus aureus	LL/HYD/MB/SOP 240 Detection of Staphylococcus Aureus Issue no.1,Issue date 02.01
27	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Canned food,Tinned food, Packed food,Semi Processed food & Ready to Eat Food	Yeasts and Molds	LL/HYD/MB/SOP 242 Detection of Yeast and Moulds Issue no.1,Issue date 02.01
28	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cereals & Pulses	Coliform	LL/HYD/MB/SOP 241 Detection of Coliform and Ecoli Issue no.1,Issue date 02.01
29	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cereals & Pulses	Escherichia coli	LL/HYD/MB/SOP 241 Detection of Coliform and Ecoli Issue no.1,Issue date 02.01
30	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cereals & Pulses	Listeria monocytogenes	LL/HYD/MB/SOP 243 Detection of Listeria Monocytogenes Issue no.1,Issue date 02.01
31	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cereals & Pulses	Salmonella	ISO 6579-1
32	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cereals & Pulses	Staphylococcus aureus	LL/HYD/MB/SOP 240 Detection of Staphylococcus Aureus Issue no.1,Issue date 02.01
33	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cereals & Pulses	Yeasts and Molds	LL/HYD/MB/SOP 242 Detection of Yeast and Moulds Issue no.1,Issue date 02.01
34	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Coffee& Cocoa products	Bacterial Count	LL/HYD/MB/SOP 239 Enumeration of Plate count Issue no.1,Issue date 02.01
35	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Coffee& Cocoa products	Coliform	LL/HYD/MB/SOP 241 Detection of Coliform and Ecoli Issue no.1,Issue date 02.01
36	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Coffee& Cocoa products	Escherichia coli	LL/HYD/MB/SOP 241 Detection of Coliform and Ecoli Issue no.1,Issue date 02.01
37	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Coffee& Cocoa products	Listeria monocytogenes	LL/HYD/MB/SOP 243 Detection of Listeria Monocytogenes Issue no.1,Issue date 02.01
38	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Coffee& Cocoa products	Salmonella	ISO 6579-1
39	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Coffee& Cocoa products	Staphylococcus aureus	LL/HYD/MB/SOP 240 Detection of Staphylococcus Aureus Issue no.1,Issue date 02.01

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40	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Coffee& Cocoa products	Yeasts and Molds	LL/HYD/MB/SOP 242 Detection of Yeast and Moulds Issue no.1,Issue date 02.01
41	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cooked Food	Bacterial Count	LL/HYD/MB/SOP 239 Enumeration of Plate count Issue no.1,Issue date 02.01
42	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cooked Food	Coliform	LL/HYD/MB/SOP 241 Detection of Coliform and Ecoli , Issue no.01,Issue date 02.01
43	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cooked Food	Escherichia coli	LL/HYD/MB/SOP 241 Detection of Coliform and Ecoli , Issue no.1,Issue date 02.01
44	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cooked Food	Listeria Monocytogenes	LL/HYD/MB/SOP 243 Detection of Listeria Monocytogenes Issue no.1,Issue date 02.01
45	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cooked Food	Salmonella	ISO 6579-1
46	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cooked Food	Staphylococcus aureus	LL/HYD/MB/SOP 240 Detection of Staphylococcus Aureus Issue no.1,Issue date 02.01
47	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cooked Food	Yeasts and Molds	LL/HYD/MB/SOP 242 Detection of Yeast and Moulds Issue no.1,Issue date 02.01
48	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruits , Vegetables and Juices	Bacterial Count	LL/HYD/MB/SOP 239 Enumeration of Plate count Issue no.1,Issue date 02.01
49	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruits , Vegetables and Juices	Coliform	LL/HYD/MB/SOP 241 Detection of Coliform and Ecoli Issue no.1,Issue date 02.01
50	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruits , Vegetables and Juices	Escherichia coli	LL/HYD/MB/SOP 241 Detection of Coliform and Ecoli Issue no.1,Issue date 02.01
51	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruits , Vegetables and Juices	Listeria monocytogenes	LL/HYD/MB/SOP 243 Detection of Listeria Monocytogenes Issue no.1,Issue date 02.01
52	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruits , Vegetables and Juices	Salmonella	ISO 6579-1
53	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruits , Vegetables and Juices	Staphylococcus aureus	LL/HYD/MB/SOP 240 Detection of Staphylococcus Aureus Issue no.1,Issue date 02.01

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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
54	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruits , Vegetables and Juices	Yeasts and Molds	LL/HYD/MB/SOP 242 Detection of Yeast and Moulds Issue no.1,Issue date 02.01
55	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Meat and Meat Products	Bacterial Count	LL/HYD/MB/SOP 239 Enumeration of Plate count Issue no.1,Issue date 02.01
56	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Meat and Meat Products	Coliform	LL/HYD/MB/SOP 241 Detection of Coliform and Ecoli Issue no.1,Issue date 02.01
57	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Meat and Meat Products	Escherichia coli	LL/HYD/MB/SOP 241 Detection of Coliform and Ecoli Issue no.1,Issue date 02.01
58	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Meat and Meat Products	Listeria monocytogenes	LL/HYD/MB/SOP 243 Detection of Listeria Monocytogenes Issue no.1,Issue date 02.01
59	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Meat and Meat Products	Salmonella	ISO 6579-1
60	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Meat and Meat Products	Staphylococcus aureus	LL/HYD/MB/SOP 240 Detection of Staphylococcus Aureus Issue no.1,Issue date 02.01
61	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Meat and Meat Products	Yeasts and Molds	LL/HYD/MB/SOP 242 Detection of Yeast and Moulds Issue no.1,Issue date 02.01
62	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk Products	Bacterial Count	LL/HYD/MB/SOP 239 Enumeration of Plate count Issue no.1,Issue date 02.01
63	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk Products	Coliform	LL/HYD/MB/SOP 241 Detection of Coliform and Ecoli Issue no.1,Issue date 02.01
64	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk Products	Escherichia coli	LL/HYD/MB/SOP 241 Detection of Coliform and Ecoli Issue no.1,Issue date 02.01
65	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk Products	Listeria monocytogenes	LL/HYD/MB/SOP 243 Detection of Listeria Monocytogenes Issue no.1,Issue date 02.01
66	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk Products	Salmonella	ISO 6579-1
67	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk Products	Staphylococcus aureus	LL/HYD/MB/SOP 240 Detection of Staphylococcus Aureus Issue no.1,Issue date 02.01

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68	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk Products	Yeasts and Molds	LL/HYD/MB/SOP 242 Detection of Yeast and Moulds Issue no.1,Issue date 02.01
69	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Mixture of Herbs and spices (Chilli and Chilli, Turmeric, Coriender powder etc)	Bacterial Count	LL/HYD/MB/SOP 239 Enumeration of Plate count Issue no.1,Issue date 02.01
70	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Mixture of Herbs and spices (Chilli and Chilli, Turmeric, Coriender powder etc)	Coliform	LL/HYD/MB/SOP 241 Detection of Coliform and Ecoli Issue no.1,Issue date 02.01
71	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Mixture of Herbs and spices (Chilli and Chilli, Turmeric, Coriender powder etc)	Escherichia coli	LL/HYD/MB/SOP 241 Detection of Coliform and Ecoli Issue no.1,Issue date 02.01
72	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Mixture of Herbs and spices (Chilli and Chilli, Turmeric, Coriender powder etc)	Listeria monocytogenes	LL/HYD/MB/SOP 242 Detection of Yeast and Moulds Issue no.1,Issue date 02.01
73	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Mixture of Herbs and spices (Chilli and Chilli, Turmeric, Coriender powder etc)	Salmonella	ISO 6579-1
74	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Mixture of Herbs and spices (Chilli and Chilli, Turmeric, Coriender powder etc)	Staphylococcus aureus	LL/HYD/MB/SOP 240 Detection of Staphylococcus Aureus Issue no.1,Issue date 02.01
75	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Mixture of Herbs and spices (Chilli and Chilli, Turmeric, Coriender powder etc)	Yeasts and Molds	LL/HYD/MB/SOP 242 Detection of Yeast and Moulds Issue no.1,Issue date 02.01
76	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Ready to Eat Products	Bacterial Count	LL/HYD/MB/SOP 239 Enumeration of Plate count Issue no.1,Issue date 02.01
77	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Ready to Eat Products	Coliform	LL/HYD/MB/SOP 241 Detection of Coliform and Ecoli Issue no.1,Issue date 02.01
78	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Ready to Eat Products	Escherichia coli	LL/HYD/MB/SOP 241 Detection of Coliform and Ecoli Issue no.1,Issue date 02.01
79	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Ready to Eat Products	Listeria monocytogenes	LL/HYD/MB/SOP 243 Detection of Listeria Monocytogenes Issue no.1,Issue date 02.01
80	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Ready to Eat Products	Salmonella	ISO 6579-1
81	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Ready to Eat Products	Staphylococcus aureus	LL/HYD/MB/SOP 240 Detection of Staphylococcus Aureus Issue no.1,Issue date 02.01

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82	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Ready to Eat Products	Yeasts and Molds	LL/HYD/MB/SOP 242 Detection of Yeast and Moulds Issue no.1,Issue date 02.01
83	BIOLOGICAL- WATER	Drinking Water	Escherichia coli	APHA 23rd Edition 9221 F
84	BIOLOGICAL- WATER	Drinking water	Fecal Coliform	APHA 23rd Edition 9221 E: 2017
85	BIOLOGICAL- WATER	Drinking Water	Fecal Streptococcus	APHA 23rd Edition 9230 B
86	BIOLOGICAL- WATER	Drinking Water	Heterotrophic Plate Count (Standard Plate Count)	APHA 23rd Edition 9215 C
87	BIOLOGICAL- WATER	Drinking Water	Total Coliforms	APHA 23rd Edition 9221 B
88	BIOLOGICAL- WATER	Ground water	Escherichia coli	APHA 23rd Edition 9221 F
89	BIOLOGICAL- WATER	Ground Water	Fecal Coliforms	APHA 23rd Edition 9221 E
90	BIOLOGICAL- WATER	Ground Water	Fecal Streptococcus	9230 B,APHA 23rd Edition
91	BIOLOGICAL- WATER	Ground Water	Heterotopic Plate Count	9215 A,APHA 23rd Edition
92	BIOLOGICAL- WATER	Ground Water	Total Coliform	APHA 23rd Edition 9221 B
93	BIOLOGICAL- WATER	Industrial water	Escherichia coli	APHA 23rd Edition 9221 F
94	BIOLOGICAL- WATER	Industrial Water	Fecal Coliform	9221 E,APHA 23rd Edition
95	BIOLOGICAL- WATER	Industrial Water	Fecal Streptococcus	9230 B,APHA 23rd Edition: 2017
96	BIOLOGICAL- WATER	Industrial water	Heterotopic Plate Count	9215 A , APHA 23rd Edition
97	BIOLOGICAL- WATER	Industrial Water	Total Coliform	APHA 23rd Edition 9221 B
98	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Chemical Oxygen Demand	5220 B ,APHA 23rd Edition
99	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Bio Chemical Oxygen Demand	IS 3025 Part 44
100	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Chlorides as Cl	APHA 23rd Edition 4500- Cl- B
101	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Oil and grease	5520 B ,APHA 23rd Edition
102	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	pH	APHA 23rd Edition 4500- H+ B
103	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Sulphates as SO4	APHA 23rd Edition 4500- SO4 E
104	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total Alkalinity as CaCO3	APHA 23rd Edition 2320 B

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105	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total Dissolved Solids	APHA 23rd Edition 2540 C
106	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total Suspended Solids	APHA 23rd Edition 2540 D
107	CHEMICAL- WATER	Drinking Water	Fluoride as F	APHA 23rd Edition 4500 F- D
108	CHEMICAL- WATER	Drinking Water	Iron as Fe	APHA 23rd Edition 3500 Fe B
109	CHEMICAL- WATER	Drinking Water	Nitrate as NO3	APHA 23rd Edition 4500 NO3
110	CHEMICAL- WATER	Drinking Water	Non carbonate hardness as CaCO3	IS 3025 (Part 21)
111	CHEMICAL- WATER	Drinking Water	Bicarbonates as HCO3	APHA 23rd Edition 2320 B
112	CHEMICAL- WATER	Drinking Water	Calcium as Ca	APHA 23rd Edition 3500- Ca B
113	CHEMICAL- WATER	Drinking Water	Carbonates as CO3	APHA 23rd Edition 2320 B
114	CHEMICAL- WATER	Drinking Water	Chloride as Cl	APHA 23rd Edition 4500- Cl- B
115	CHEMICAL- WATER	Drinking Water	Color	APHA 23rd Edition 2120 B
116	CHEMICAL- WATER	Drinking Water	Electrical Conductivity @ 25C	APHA 23rd Edition 2510 B
117	CHEMICAL- WATER	Drinking Water	Magnesium as Mg	APHA 23rd Edition 3500- Mg B
118	CHEMICAL- WATER	Drinking Water	Odor	IS: 3025 (Part 5)
119	CHEMICAL- WATER	Drinking Water	pH @ 250 C	APHA 23rd Edition 4500- H+ B
120	CHEMICAL- WATER	Drinking Water	Potassium as K	APHA 23rd Edition 3500 K B
121	CHEMICAL- WATER	Drinking Water	Silica as SiO2	IS: 3025 (Part 35)
122	CHEMICAL- WATER	Drinking Water	Sodium as Na	APHA 23rd Edition 3500 Na B, RA
123	CHEMICAL- WATER	Drinking Water	Sulphate as SO4	APHA 23rd Edition 4500- SO4 E
124	CHEMICAL- WATER	Drinking Water	Total Alkalinity as CaCO3	APHA 23rd Edition 2320 B
125	CHEMICAL- WATER	Drinking Water	Total Dissolved Solids (TDS) at 1800 C	APHA 23rd Edition 2540 C
126	CHEMICAL- WATER	Drinking Water	Total Hardness as CaCO3	APHA 23rd Edition 2340 C
127	CHEMICAL- WATER	Drinking Water	Turbidity	APHA 23rd Edition 2130 B
128	CHEMICAL- WATER	Ground Water	Bicarbonates as HCO3	APHA 23rd Edition 2320 B
129	CHEMICAL- WATER	Ground water	Calcium as Ca	APHA 23rd Edition 3500- Ca B
130	CHEMICAL- WATER	Ground water	Carbonates as CO3	APHA 23rd Edition 2320 B
131	CHEMICAL- WATER	Ground water	Chloride as Cl	APHA 23rd Edition 4500- Cl- B

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132	CHEMICAL- WATER	Ground water	Colour	APHA 23rd Edition 2120 B
133	CHEMICAL- WATER	Ground water	Electrical Conductivity @25C	2510 B,APHA 23rd Edition
134	CHEMICAL- WATER	Ground Water	Flouride	APHA 23rd Edition 4500 F- D
135	CHEMICAL- WATER	Ground Water	Iron	APHA 23rd Edition 3500 Fe B
136	CHEMICAL- WATER	Ground water	Magnesium as Mg	APHA 23rd Edition 3500- Mg B
137	CHEMICAL- WATER	Ground Water	Nitrate	APHA 23rd Edition 4500 NO3
138	CHEMICAL- WATER	Ground water	Non Carbonate Hardness as CaCo3	IS 3025 (Part 21)
139	CHEMICAL- WATER	Ground water	Odor	IS: 3025 (Part 5)
140	CHEMICAL- WATER	Ground water	pH @25 C	APHA 23rd Edition 4500- H+ B
141	CHEMICAL- WATER	Ground Water	Potassium as K	APHA 23rd Edition 3500 K B
142	CHEMICAL- WATER	Ground Water	Silica as SiO2	APHA 23rd Edition 4500 SiO2 C
143	CHEMICAL- WATER	Ground water	Sodium as Na	APHA 23rd Edition 3500 Na B,
144	CHEMICAL- WATER	Ground water	Sulphate as SO4	APHA 23rd Edition 4500- SO4 E
145	CHEMICAL- WATER	Ground Water	Total Alkalinity as CaCO3	APHA 23rd Edition 2320 B
146	CHEMICAL- WATER	Ground water	Total Dissolved solids (TDS) @ 180 C	APHA 23rd Edition 2540 C
147	CHEMICAL- WATER	Ground Water	Total Hardness as CaCO3	APHA 23rd Edition 2340 C
148	CHEMICAL- WATER	Ground water	Turbidity	APHA 23rd Edition 2130 B
149	CHEMICAL- WATER	Industrial Water	Bicarbonates as HCO3	APHA 23rd Edition 2320 B
150	CHEMICAL- WATER	Industrial Water	Calcium as Ca	APHA 23rd Edition 3500- Ca B
151	CHEMICAL- WATER	Industrial Water	Carbonate as CO3	APHA 23rd Edition 2320 B
152	CHEMICAL- WATER	Industrial Water	Chloride as Cl	APHA 23rd Edition 4500- Cl- B
153	CHEMICAL- WATER	Industrial Water	Colour	APHA 23rd Edition 2120 B
154	CHEMICAL- WATER	Industrial Water	Electrical Conductivity	2510 B,APHA 23rd Edition
155	CHEMICAL- WATER	Industrial Water	Flouride	APHA 23rd Edition 4500 F- D
156	CHEMICAL- WATER	Industrial Water	Iron	APHA 23rd Edition 3500 Fe B
157	CHEMICAL- WATER	Industrial Water	Magnesium as Mg	APHA 23rd Edition 3500- Mg B
158	CHEMICAL- WATER	Industrial Water	Nitrate	APHA 23rd Edition 4500 NO3
159	CHEMICAL- WATER	Industrial Water	Non Carbonate Hardness as CaCO3	IS 3025 (Part 21)
160	CHEMICAL- WATER	Industrial Water	Odor	IS: 3025 (Part 5)

SCOPE OF ACCREDITATION

Laboratory Name : LAVIN LABORATORIES, H.NO. 4-1-91/249/21, 2ND FLOOR, NMR COMPLEX,BHAVANI NAGAR, NACHARAM, HYDERABAD, TELANGANA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11697 **Page No** 10 of 11

Validity 26/05/2023 to 25/11/2023 **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
161	CHEMICAL- WATER	Industrial Water	pH @25 C	APHA 23rd Edition 4500- H+ B
162	CHEMICAL- WATER	Industrial Water	Potassium as K	APHA 23rd Edition 3500 K B
163	CHEMICAL- WATER	Industrial Water	Silica as SiO2	IS: 3025 (Part 35)
164	CHEMICAL- WATER	Industrial Water	Sodium as Na	APHA 23rd Edition 3500 Na B,
165	CHEMICAL- WATER	Industrial Water	Sulphate as SO4	APHA 23rd Edition 4500- SO4 E
166	CHEMICAL- WATER	Industrial Water	Total Alkalinity	APHA 23rd Edition 2320 B
167	CHEMICAL- WATER	Industrial Water	Total Dissolved Solids (TDS) @ 180 C	APHA 23rd Edition 2540 C
168	CHEMICAL- WATER	Industrial Water	Total Hardness as CaCO3	APHA 23rd Edition 2340 C
169	CHEMICAL- WATER	Industrial Water	Turbidity	APHA 23rd Edition 2130 B
170	CHEMICAL- WATER	Irrigation Water	Bicarbonates as HCO3	APHA 23rd Edition 2320 B
171	CHEMICAL- WATER	Irrigation Water	Calcium as Ca	APHA 23rd Edition 3500- Ca B
172	CHEMICAL- WATER	Irrigation Water	Carbonate as CO3	APHA 23rd Edition 2320 B
173	CHEMICAL- WATER	Irrigation Water	Chloride as Cl	APHA 23rd Edition 4500- Cl- B
174	CHEMICAL- WATER	Irrigation Water	Colour	APHA 23rd Edition 2120 B
175	CHEMICAL- WATER	Irrigation Water	Electrical Conductivity @25C	2510 B,APHA 23rd Edition
176	CHEMICAL- WATER	Irrigation Water	Flouride	APHA 23rd Edition 4500 F- D
177	CHEMICAL- WATER	Irrigation Water	Iron	APHA 23rd Edition 3500 Fe B
178	CHEMICAL- WATER	Irrigation Water	Magnesium as Mg	APHA 23rd Edition 3500- Mg B
179	CHEMICAL- WATER	Irrigation Water	Nitrate	APHA 23rd Edition 4500 NO3
180	CHEMICAL- WATER	Irrigation Water	Non Carbonate Hardness as CaCO3	IS 3025 (Part 21)
181	CHEMICAL- WATER	Irrigation Water	Odor	IS: 3025 (Part 5)
182	CHEMICAL- WATER	Irrigation Water	pH @ 25 C	APHA 23rd Edition 4500- H+ B
183	CHEMICAL- WATER	Irrigation Water	Potassium as K	APHA 23rd Edition 3500 K B
184	CHEMICAL- WATER	Irrigation Water	Silica as SiO2	IS: 3025 (Part 35)
185	CHEMICAL- WATER	Irrigation Water	Sodium as Na	APHA 23rd Edition 3500 Na B,
186	CHEMICAL- WATER	Irrigation Water	Sulphate as SO4	APHA 23rd Edition 4500- SO4 E
187	CHEMICAL- WATER	Irrigation Water	Total Dissolved Solids (TDS) @180 C	APHA 23rd Edition 2540 C
188	CHEMICAL- WATER	Irrigation Water	Total Hardness as CaCO3	APHA 23rd Edition 2340 C
189	CHEMICAL- WATER	Irrigation Water	Turbidity	APHA 23rd Edition 2130 B

SCOPE OF ACCREDITATION

Laboratory Name : LAVIN LABORATORIES, H.NO. 4-1-91/249/21, 2ND FLOOR, NMR COMPLEX,BHAVANI NAGAR, NACHARAM, HYDERABAD, TELANGANA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11697 **Page No** 11 of 11

Validity 26/05/2023 to 25/11/2023 **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
190	CHEMICAL- WATER	Surface water	Bicarbonates as HCO3	APHA 23rd Edition 2320 B
191	CHEMICAL- WATER	Surface water	Calcium as Ca	APHA 23rd Edition 3500- Ca B
192	CHEMICAL- WATER	Surface water	Carbonates as CO3	APHA 23rd Edition 2320 B
193	CHEMICAL- WATER	Surface Water	Chloride as Cl	APHA 23rd Edition 4500- Cl- B
194	CHEMICAL- WATER	Surface water	Colour	APHA 23rd Edition 2120 B
195	CHEMICAL- WATER	Surface Water	Electrical Conductivity @ 25C	2510 B,APHA 23rd Edition
196	CHEMICAL- WATER	Surface Water	Flouride	APHA 23rd Edition 4500 F- D
197	CHEMICAL- WATER	Surface Water	Iron	APHA 23rd Edition 3500 Fe B
198	CHEMICAL- WATER	Surface water	Magnesium as Mg	APHA 23rd Edition 3500- Mg B
199	CHEMICAL- WATER	Surface Water	Nitrate	APHA 23rd Edition 4500 NO3
200	CHEMICAL- WATER	Surface Water	Non Carbonate Hardness as CaCO3	IS 3025 (Part 21)
201	CHEMICAL- WATER	Surface water	Odor	IS: 3025 (Part 5)
202	CHEMICAL- WATER	Surface Water	pH @25 C	APHA 23rd Edition 4500- H+ B
203	CHEMICAL- WATER	Surface Water	Potassium as K	APHA 23rd Edition 3500 K B
204	CHEMICAL- WATER	Surface water	Silica as SiO2	IS: 3025 (Part 35)
205	CHEMICAL- WATER	Surface Water	Sodium as Na	APHA 23rd Edition 3500 Na B,
206	CHEMICAL- WATER	Surface Water	Sulphate as SO4	APHA 23rd Edition 4500- SO4 E
207	CHEMICAL- WATER	Surface water	Total Alkalinity as CaCO3	APHA 23rd Edition 2320 B
208	CHEMICAL- WATER	Surface water	Total Dissolved Solids (TDS) @180 C	APHA 23rd Edition 2540 C
209	CHEMICAL- WATER	Surface water	Total Hardness as CaCO3	APHA 23rd Edition 2340 C
210	CHEMICAL- WATER	Surface water	Turbidity	APHA 23rd Edition 2130 B