

ANALYTICAL TECHNOLOGY LABORATORY

(A Part Of Sri Gomuki Tex Chem Pvt. Ltd.)



Test Report



Accredited & Recognized by : ISO/IEC 17025,2017, NABL, EIC, FSSAI, APEDA, TEA BOARD, ISO 45001:2018 & ISO 9001 : 2015

ULR No	TC734124000001173F	Report No	ATL/2024/01369	Report Date	06.03.2024
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Customer Name : M/s. Semolina kitchens Pvt Ltd,
Customer Address : Terminal -2, Thiruvananthapuram international airport, Chakkai, Thiruvananthapuram, Kerala - 695008.

Sample Description : Water
Sample Code : ATL24020689
Sample Drawn by : Laboratory (ATL-SA-SOP-007)
Qty of Sample Received : 5L + 100ml x 2
Analysis Started on : 28.02.2024
Customer Code :-
Source of water sample : International The Lounge

Sample type : Liquid
Received On : 28.02.2024
Analysis Completed on : 06.03.2024

Group : Water

SL.NO	Parameters	Method of Reference	Results	Units	Requirements as per IS 10500:2012	
					Acceptable Limit	Permissible Limit
Chemical						
1	Calcium (as Ca)	IS 3025 (Part 40):1991	34.3	mg/L	75	200
2	Chloramine (as Cl ₂)	IS 3025 (Part 26):2021	BDL (DL:0.05)	mg/L	4.0	No relaxation
3	Cyanide (as CN)	IS 3025 (Part 27):1986	BDL (DL:0.01)	mg/L	0.05	No relaxation
4	Chloride (as Cl ⁻)	IS 3025 (Part 32):1988	62	mg/L	250	1000
5	Colour	IS 3025 (Part 4):2021	2	Hazen	5	15
6	Fluoride (as F)	IS 3025 (Part 60):2008	0.05	mg/L	1.0	1.5
7	Magnesium (as Mg)	IS 3025 (Part 46):1994	11.6	mg/L	30	100
8	Nitrate (as NO ₃)	IS 3025 (Part 34):1988	0.22	mg/L	45	No relaxation
9	Odour	IS 3025 (Part 5):2018	Agreeable	-	Agreeable	Agreeable
10	Taste	IS 3025 (Part 8):1984	Agreeable	-	Agreeable	Agreeable
11	Free residual chlorine	IS 3025 (Part 26):2021	BDL (DL:0.05)	mg/L	0.2	1
12	pH value @25°C	IS 3025 (Part 11):2022	6.97	-	6.5 - 8.5	No relaxation
13	Phenolic compounds (as C ₆ H ₅ OH)	IS 3025 (Part 43) Sec 1:2022	BDL (DL:0.001)	mg/L	0.001	0.002
14	Sulphide (as H ₂ S)	IS 3025 (Part 29):1986	BDL (DL:0.02)	mg/L	0.05	No relaxation



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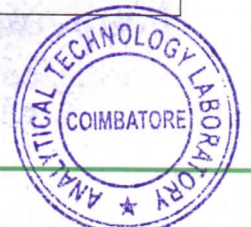
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					Acceptable Limit	Permissible Limit
15	Turbidity	IS 3025 (Part 10):1984	0.41	NTU	1	5
16	Sulphate (as SO ₄)	IS 3025 (Part 24) Sec 1 :2022	18.2	mg/L	200	400
17	Total Alkalinity (as CaCO ₃)	IS 3025 (Part 23):1986	45	mg/L	200	600
18	Mineral oil	IS 3025 (Part 39):2021	BDL (DL:0.1)	mg/L	0.5	No relaxation
19	Total Dissolved Solids	IS 3025 (Part 16):1984	187	mg/L	500	2000
20	Total Hardness (as CaCO ₃)	IS 3025 (Part 21):2009	733	mg/L	200	600
21	Anionic surface-active agent (as MBAS)	IS 13428 :2005	BDL (DL:0.05)	mg/L	0.2	1.0
22	Ammonical Nitrogen as Nesslerization method	IS 3025 (Part 34):1988	BDL (DL:0.1)	mg/L	0.5	No relaxation
23	Boron (as B)	ATL-CH-SOP-018	0.286	mg/L	0.5	1.0
24	Iron (as Fe)	ATL-CH-SOP-018	0.018	mg/L	0.3	No relaxation
25	Copper (as Cu)	ATL-CH-SOP-018	BLQ (LOQ:0.01)	mg/L	0.05	1.5
26	Aluminium (as Al)	ATL-CH-SOP-018	0.017	mg/L	0.03	0.2
27	Barium (as Ba)	ATL-CH-SOP-018	0.023	mg/L	0.7	No relaxation
28	Manganese (as Mn)	ATL-CH-SOP-018	BLQ (LOQ:0.01)	mg/L	0.1	0.3
29	Selenium (as Se)	ATL-CH-SOP-018	BLQ (LOQ:0.001)	mg/L	0.01	No relaxation
30	Silver (as Ag)	ATL-CH-SOP-018	BLQ (LOQ:0.001)	mg/L	0.1	No relaxation
31	Zinc (as Zn)	ATL-CH-SOP-018	BLQ (LOQ:0.01)	mg/L	5	15
32	Cadmium (as Cd)	ATL-CH-SOP-018	BLQ (LOQ:0.001)	mg/L	0.003	No relaxation
33	Lead (as Pb)	ATL-CH-SOP-018	BLQ (LOQ:0.001)	mg/L	0.01	No relaxation

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Address : 1/93 Mylampatti Post, Coimbatore - 641062, Tamilnadu, India
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ULR No	TC73412400001173F	Report No	ATL/2024/01369	Report Date	06.03.2024
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SL.NO	Parameters	Method of Reference	Results	Units	Requirements as per IS 10500:2012	
					Acceptable Limit	Permissible Limit
34	Uranium (as U)	ATL-CH-SOP-018	BLQ (LOQ:0.01)	mg/L	0.03	No relaxation
35	Mercury (as Hg)	ATL-CH-SOP-018	BLQ (LOQ:0.0005)	mg/L	0.001	No relaxation
36	Total arsenic (as As)	ATL-CH-SOP-018	BLQ (LOQ:0.001)	mg/L	0.01	0.05
37	Total chromium (as Cr)	ATL-CH-SOP-018	BLQ (LOQ:0.01)	mg/L	0.05	No relaxation
38	Molybdenum (as Mo)	ATL-CH-SOP-018	BLQ (LOQ:0.01)	mg/L	0.07	No relaxation
39	Nickel (as Ni)	ATL-CH-SOP-018	BLQ (LOQ:0.01)	mg/L	0.02	No relaxation
40	Atrazine	ATL-CH-SOP-016	BLQ (LOQ:0.01)	µg/L	2	No relaxation
41	Aldrin	ATL-CH-SOP-016	BLQ (LOQ:0.01)	µg/L	0.03	No relaxation
42	Alpha HCH	ATL-CH-SOP-016	BLQ (LOQ:0.01)	µg/L	0.01	No relaxation
43	Beta HCH	ATL-CH-SOP-016	BLQ (LOQ:0.01)	µg/L	0.04	No relaxation
44	Delta HCH	ATL-CH-SOP-016	BLQ (LOQ:0.01)	µg/L	0.04	No relaxation
45	2,4- Dichlorophenoxyacetic acid	ATL-CH-SOP-016	BLQ (LOQ:0.01)	µg/L	30	No relaxation
46	O,P -DDT	ATL-CH-SOP-016	BLQ (LOQ:0.01)	µg/L	1	No relaxation
47	O,P -DDD	ATL-CH-SOP-016	BLQ (LOQ:0.01)	µg/L	1	No relaxation
48	O,P -DDE	ATL-CH-SOP-016	BLQ (LOQ:0.01)	µg/L	1	No relaxation
49	P,P -DDT	ATL-CH-SOP-016	BLQ (LOQ:0.01)	µg/L	1	No relaxation
50	P,P -DDD	ATL-CH-SOP-016	BLQ (LOQ:0.01)	µg/L	1	No relaxation
51	P,P -DDE	ATL-CH-SOP-016	BLQ (LOQ:0.01)	µg/L	1	No relaxation

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					Acceptable Limit	Permissible Limit
52	Endosulfan Alpha	ATL-CH-SOP-016	BLQ (LOQ:0.01)	µg/L	0.4	No relaxation
53	Endosulfan Beta	ATL-CH-SOP-016	BLQ (LOQ:0.01)	µg/L	0.4	No relaxation
54	Endosulfan Sulfate	ATL-CH-SOP-016	BLQ (LOQ:0.01)	µg/L	0.4	No relaxation
55	Gamma - HCH	ATL-CH-SOP-016	BLQ (LOQ:0.01)	µg/L	2	No relaxation
56	Methyl Parathion	ATL-CH-SOP-016	BLQ (LOQ:0.01)	µg/L	0.3	No relaxation
57	Dieldrin	ATL-CH-SOP-016	BLQ (LOQ:0.01)	µg/L	0.03	No relaxation
58	Phorate	ATL-CH-SOP-016	BLQ (LOQ:0.01)	µg/L	2	No relaxation
59	Phorate sulfone	ATL-CH-SOP-016	BLQ (LOQ:0.01)	µg/L	2	No relaxation
60	Phorate sulfoxide	ATL-CH-SOP-016	BLQ (LOQ:0.01)	µg/L	2	No relaxation
61	Alachlor	ATL-CH-SOP-016	BLQ (LOQ:0.01)	µg/L	20	No relaxation
62	Butachlor	ATL-CH-SOP-016	BLQ (LOQ:0.01)	µg/L	125	No relaxation
63	Chlorpyrifos	ATL-CH-SOP-016	BLQ (LOQ:0.01)	µg/L	30	No relaxation
64	Ethion	ATL-CH-SOP-016	BLQ (LOQ:0.01)	µg/L	3	No relaxation
65	Isoproturon	ATL-CH-SOP-016	BLQ (LOQ:0.01)	µg/L	9	No relaxation
66	Malathion	ATL-CH-SOP-016	BLQ (LOQ:0.01)	µg/L	190	No relaxation
67	Monocrotophos	ATL-CH-SOP-016	BLQ (LOQ:0.01)	µg/L	1	No relaxation
68	Malaaxon	ATL-CH-SOP-016	BLQ (LOQ:0.01)	µg/L	190	No relaxation
69	Methyl paraoxon	ATL-CH-SOP-016	BLQ (LOQ:0.01)	µg/L	0.3	No relaxation

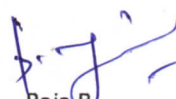
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					Acceptable Limit	Permissible Limit
70	Polychlorinated biphenyls	ATL-CH-SOP-016	BLQ (LOQ:0.00001)	mg/L	0.0005	No relaxation
71	Polynuclear aromatic hydrocarbons (as PAH)	ATL-CH-SOP-016	BLQ (LOQ:0.00001)	mg/L	0.0001	No relaxation
72	Trihalomethanes:					
(a)	THMs (Bromoform)	ATL-CH-SOP-028	BLQ (LOQ:0.01)	mg/L	0.1	No relaxation
(b)	THMs (Dibromochloromethane)	ATL-CH-SOP-028	BLQ (LOQ:0.01)	mg/L	0.1	No relaxation
(c)	THMs (Bromodichloromethane)	ATL-CH-SOP-028	BLQ (LOQ:0.01)	mg/L	0.06	No relaxation
(d)	THMs (Chloroform)	ATL-CH-SOP-028	BLQ (LOQ:0.01)	mg/L	0.2	No relaxation
Biological						
73	E. coli	IS 15185: 2016	Absent	/100 ml	Shall not be detectable in any 100 ml sample	
74	Coliforms	IS 15185: 2016	Absent	/100 ml	Shall not be detectable in any 100 ml sample	

For, Analytical Technology laboratory


Raja B
Team Leader
Authorized Signatory


Ghouse Basha A
Team Leader
Authorized Signatory

Remarks : The water sample complies with the requirement of IS 10500:2012 with respect to above parameters tested .

Note: NTU denotes Nephelometric Turbidity Unit, BDL: Below Detection Limit, BLQ: Below Limit of Quantification, DL: Detection limit

*** End of Report***
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