



MTH
Quality Analytical Service

MYSURU TEST HOUSE

An ISO 9001 : 2015 / ISO 45001 : 2018 OHSAS Certified Laboratory



H.O. Office & Laboratory : No. 76/R, Hanuman Temple Road, Hootagalli Industrial Area, Mysuru-570 018, Karnataka, India
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Bangalore Branch Office : 75/E, 3rd Floor, 8th Cross, Ullal Main Road, Muneshwaranagar, Mallathahalli,
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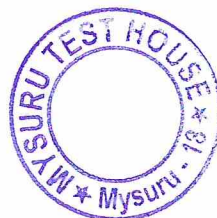
TEST REPORT

Customer Address. M/s. The Acme School, # CA/1, Rotary Sudarshini Building, Nivedithanagar, Mysuru – 570022.	Report No.	: 2024021100
	Report date	: 05/03/2024
	Ref.	: Test Request Form
	Date of sampling	: 28/02/2024
	Job Order No.	: 2024021100
	Date of receipt	: 29/02/2024
	Analysis start date	: 29/02/2024
	Analysis completed date	: 04/03/2024
Sample Particulars: One sample of RO Drinking water	Sample Qty: 2Ltr +250 ml	
Sample Collection from RO Plant.		

Sl. No.	Tests	Results	IS 10500:2012 Specification		Protocol
			Acceptable Limit	Permissible Limit	
1	Color, Hazen Units	<5.0	5	15	IS 3025 (P-04)2021
2	Odor	Agreeable	Agreeable	Agreeable	IS 3025 (P-05)2018
3	pH Value	6.6	6.5-8.5	No relaxation	IS 3025 (P-11)1983 RA 2017
4	Turbidity, NTU	<1.0	1	5	IS 3025 (P-10)1984 RA 2017
5	Chloride as Cl, mg/L	12.0	250	1000	IS 3025 (P-32)1988 RA 2019
6	Total Hardness as CaCO ₃ , mg/L	24.0	200	600	IS 3025 (P-21)2009 RA 2019
7	Calcium as Ca, mg/L	6.0	75	200	IS 3025 (P-40)1991 RA 2019
8	Magnesium as Mg, mg/L	2.1	30	100	IS 3025 (P-46)1994RA 2019
9	Total Dissolved Solids, mg/L	78.0	500	2000	IS 3025 (P-16)1984 RA 2017
10	Sulphate as SO ₄ , mg/L	2.6	200	400	APHA 23nd Edition4500SO ₄ ²⁻ E
11	Fluoride as F, mg/L	<0.2	1.0	1.5	APHA 23nd Edition4500F- D
12	Chromium as Cr ⁶⁺ , mg/L	<0.003	0.05	No relaxation	APHA 23rd Edition 3500 Cr ⁶⁺ -B
13	Residual Free Chlorine as Cl ₂ , mg/L	<0.2	0.2	1.0	IS 3025 (P-26)2021
14	Total Alkalinity as CaCO ₃ , mg/L	20.0	200	600	IS 3025 (P-23)1986 RA 2019
15	Nitrate as NO ₃ , mg/L	4.0	45	No relaxation	IS 3025 (P-34)1988 RA 2019
16	Copper as Cu, mg/L	<0.03	0.05	1.5	IS 3025 (P-2)2019
17	Iron as Fe, mg/L	BDL	0.3	No relaxation	APHA 23nd Edition 3500-Fe B
18	Manganese as Mn, mg/L	<0.01	0.1	0.3	IS 3025 (P-2)2019
19	Aluminum as Al, mg/L	<0.005	0.03	0.2	IS 3025 (P-2)2019
20	Cadmium as Cd, mg/L	<0.003	0.003	No relaxation	IS 3025 (P-2)2019
21	Selenium as Se, mg/L	<0.01	0.01	No relaxation	IS 3025 (P-2)2019
22	Arsenic as As, mg/L	<0.01	0.01	0.05	APHA 23rd Edition 3120 B:2017
23	Cyanide, mg/L	<0.05	0.05	No relaxation	APHA 23nd Edition4500CN E
24	Lead as Pb, mg/L	<0.01	0.01	No relaxation	IS 3025 (P-2)2019
25	Zinc as Zn, mg/L	<0.01	5	15	IS 3025 (P-2)2019

Note: BDL = Below Detectable Limit.

Vinutha.R
Analyzed by



Priya.D.P
Authorized Signatory



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Sl. No.	Tests	Results	IS 10500:2012 Specification		Protocol
			Acceptable Limit	Permissible Limit	
26	Boron as B, mg/L	<0.05	0.5	1.0	APHA 23 rd Edition 4500B B
27	Mercury as Hg, mg/L	<0.001	0.001	No relaxation	NALRC/SOP/W/45

Microbiological Tests:					
Sl. No.	Tests	Result	Acceptable limits as per IS : 10500:2012		Protocol
28	Total coli form Bacteria, MPN/100 ml	Not Detected	Shall not be detectable in 100 ml sample		IS 15185 RA 2016
29	Escherichia Coli, MPN/100ml	Not Detected	Shall not be detectable in 100 ml sample		IS 15185 RA 2016

Remarks: The given sample meets to Acceptable limits as per IS 10500:2012 Specification for above Physical – Chemical testing & bacteriological tests.

Note: BDL = Below Detectable Limit.

***** END OF THE REPORT *****



Vinetha E
Analyzed by

Priya D. p
Authorized Signatory