RURAL DRINKING WATER & SANITATION DIVISION, GoK

Water Quality Chemical Testing Sub-Division Laboratory Chintamani

Office of Assistant Executive Engineer RDWSD Behind Thaluk Office Polytechnic Road Chintamani-563125,

TEST REPORT

Taluk : Chintamani

School Name : De Preethi Public School

Thimmasandra Chintamani

Report date: 23/05/2026
Report Number: CHM26MAY0002
Reference: Sample receipt Form
Sample receipt date: 13/05/2026
Sample code: CHM26MAY0002
Date of Sample collection: 13/05/2026
Analysis start date: 22/05/2026
Analysis completion date: 22/05/2026
Sample collection protocol: APHA Method
Sample quantity: 1 Liter

Sample Particulars: RO Water

Sl.No	Test	Results	Acceptable Limit IS 10500 : 2012 RA:2018	Permissible Limit IS 10500 : 2012 RA:2018	Protocol
Description: Clear Pleasant Liquid					
1.	pH Value @ 25°C	7.04 @ 25.8°C	6.5 – 8.5	No relaxation	IS 3025 (Part-11) :2022
2.	Specific Conductance, µS/cm@25°C	123 @ 25.8°C	–	–	IS 3025 (Part-14) : 2013
3.	Odour	Agreeable	Agreeable	Agreeable	IS 3025 (Part-5 & 6):2018
4.	Taste	Agreeable	Agreeable	Agreeable	IS 3025 (Part-8):2023
5.	Colour, Hazen Units	<1	5	15	IS 3025 (Part-4) :2021
6.	Turbidity, NTU	0.1	1	5	IS 3025 (Part-10) : 2023
7.	Total Dissolved Solids@ 105°C, mg/l	54	500	2000	IS 3025 (Part-16) : 2023
8.	Alkalinity as $CaCO_3$, mg/l	24.52	200	600	IS 3025 (Part-23) : 2023
9.	Total Hardness as $CaCO_3$, mg/l	30.73	200	600	IS 3025 (Part-21) : 2009
10.	Calcium as Ca, mg/l	5.98	75	200	IS 3025 (Part-40) : 1991
11.	Magnesium as Mg, mg/l	3.82	30	100	IS 3025 (Part-46) : 2023
12.	Chloride as Cl, mg/l	16.08	250	1000	IS 3025 (Part-32) : 1988
13.	Sulphate as SO_4, mg/l	1.42	200	400	IS 3025 (Part-24) : 2022
14.	Fluoride as F, mg/l	0.13	1	1.5	APHA 24th Edition
15.	Nitrate as NO_3, mg/l	2.45	45	No relaxation	APHA 24th Edition
16.	Iron as Fe, mg/l	<0.1	1	No relaxation	IS 3025 (Part-53) : 2003

Remarks: The given sample conforms to the Permissible limit of IS10500:2012 for drinking water specification for the above tested parameters only.

Analysed By: Sindhee. M

Verified By:

Mepheema S.

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
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NOTE:

1) The above results relate only to the sample tested.
2) The report shall not be reproduced except in full without the prior approval of the Quality Manag
3) Traceability: Traceability of measurements is established using CRMs traceable to National/International standards.
4) Samples will be discarded after 15 days from the date of report generation.
5) Decision rule is applicable as per the procedure mentioned in RDWSD/WQMSP/DR-01.

END OF THE REPORT

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