



RURAL DRINKING WATER & SANITATION DEPARTMENT, GoK
RAICHUR DISTRICT WATER QUALITY TESTING LABORATORY - RDWSD
 CELLAR PORTION, PRED PREMISES, RAICHUR, KARNATAKA, INDIA
 E-mail: rdwsdwqmspraichurlab@gmail.com



TEST REPORT

TO,
 HEAD MISSTRESS
 Edala Manikyamma Kakateeya Residential School
 Raichur

ADDRESS OF THE SAMPLE LOCATION : In School Ground
 SOURCE: RO Water

ULR NO : TC163192600000007F

Report date: 22/04/2026

Report Number: RAI26APR0007

Reference: Sample receipt Form(Departmental)

Sample receipt date: 17/04/2026

Sample code: RAI26APR0007

Date of Sample collection: 17/04/2026

Analysis start date: 21/04/2026

Analysis completion date: 22/04/2026

Sample collection protocol: APHA 24th Edition

Environmental Condition : 25.5° C

Sample quantity: 1000 mL

Sample Particulars: DRINKING WATER

Sl.No	Test	Results	Acceptable Limit IS 10500 : 2012 RA:2018	Permissible Limit IS 10500 : 2012 RA:2018	Protocol
Sample Description / Condition : Clear					
1.	Ph value @25° C	6.56	6.5 – 8.5	No relaxation	IS 3025 (Part-11) : 2022
2.	Specific Conductance, µS/cm@ Temp 25° C	240	–	–	IS 3025 (Part-14) : 2019
3.	Odour	Agreeable	Agreeable	Agreeable	IS 3025 (Part-5) : 2018
4.	Taste	Agreeable	Agreeable	Agreeable	IS 3025 (Part-8) : 2023
5.	Colour, Hazen Units	01	5	15	IS 3025 (Part-4) : 2021
6.	Turbidity, NTU	0.1	1	5	IS 3025 (Part-10) : 2023
7.	Total Dissolved Solids @ 180°C, mg/l	150	500	2000	IS 3025 (Part-16) : 2023
8.	Total Alkalinity as CaCO ₃ , mg/l	28	200	600	IS 3025 (Part-23) : 2023
9.	Total Hardness as CaCO ₃ , mg/l	64.05	200	600	IS 3025 (Part-21) : 2019
10.	Calcium as Ca, mg/l	20.83	75	200	IS 3025 (Part-40) : 2024
11.	Magnesium as Mg, mg/l	2.91	30	100	IS 3025 (Part-46) : 2023
12.	Chloride as Cl, mg/l	51.98	250	1000	IS 3025 (Part-32) : 2019
13.	Sulphate as SO ₄ , mg/l	9.80	200	400	IS 3025 (Part-24) : 2022
14.	Fluoride as F, mg/l	0.80	1	1.5	APHA 24 th Edition 4500F-D:2023
15.	Nitrate as NO ₃ , mg/l	1.39	45	No relaxation	APHA 24 th Edition 4500-NO3- B:2023
16.	Iron as Fe, mg/l	0.10	1	No relaxation	IS 3025 (Part-53) : 2024

Remarks: The given sample conforms within the Acceptable limit of IS 10500:2012 RA:2018 Drinking water specification for above Tested physical & chemical parameters only.

Authorized Signatory

Senior Analyst(TM) / Junior Analyst
 (sumitra) (Chandrika)

RDWSD/WQMSP/TeR/O1

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 Manager.
- 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
- 6) Note : BDL-Below Detection Limit. NTU : Nephelometric meter

Savita Raghu
 PRINCIPAL

----- End of the Report -----

dkny
 MANAGER

EDALA MANIKYAMMA KAKATEEYA
 RESIDENTIAL SCHOOL
 EKLASPUR, RAICHUR-584101

EDALA MANIKYAMMA KAKATEEYA
 RESIDENTIAL SCHOOL
 EKLASPUR, RAICHUR-584101

