



RURAL DRINKING WATER & SANITATION DEPARTMENT, GoK
RAICHUR DISTRICT WATER QUALITY TESTING LABORATORY- RDWSD
CELLAR PORTION, PRED PREMISES, RAICHUR, KARNATAKA, INDIA
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TO,
Head Master,
Sarvodaya Public School , Manvi

Sample Details :
Source : RO Water
Location : At School

Report date: 28-07-2025
Report Number: MAN25JUL0013
Reference: Sample receipt Form(Departmental)
Sample receipt date: : 24-07-2025
Sample code : MAN25JUL0013
Date of Sample collection:24-07-2025
Analysis start date: 25-07-2025
Analysis completion date: 25-07-2025
Sample collection protocol: APHA 24th Edition
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	6.60	6.5 – 8.5	No relaxation	IS 3025 (Part-11) : 2022
2.	Specific Conductance, $\mu\text{S}/\text{cm}$ @ Temp 25° C	180	-	-	IS 3025 (Part-14) : 2013 RA: 2019
3.	Odour	Agreeable	Agreeable	Agreeable	IS 3025 (Part-5 & 6):2018
4.	Colour, Hazen Units	01	5	15	IS 3025 (Part-4) :2021
5.	Turbidity, NTU	0.1	1	5	IS 3025 (Part-10) : 2023
6.	Total Dissolved Solids @ 180°C, mg/l	110	500	2000	IS 3025 (Part-16) : 2023
7.	Alkalinity as CaCO_3 , mg/l	16	200	600	IS 3025 (Part-23) : 2023
8.	Total Hardness as CaCO_3 , mg/l	42.03	200	600	IS 3025 (Part-21) : 2009
9.	Calcium as Ca, mg/l	9.61	75	200	IS 3025 (Part-40) : 1991 RA:2019
10.	Magnesium as Mg, mg/l	4.37	30	100	IS 3025 (Part-46) : 2023
11.	Chloride as Cl, mg/l	33.98	250	1000	IS 3025 (Part-32) : 1988 RA:2019
12.	Sulphate as SO_4 , mg/l	9.80	200	400	IS 3025 (Part-24) :2022
13.	Fluoride as F, mg/l	0.88	1	1.5	APHA 23 rd Edition 4500F:D RA :APHA 24 th Edition
14.	Nitrate as NO_3 , mg/l	2.21	45	No relaxation	APHA 23 rd Edition 4500-NO3- B RA :APHA 24 th Edition
15.	Iron as Fe, mg/l	0.10	1	No relaxation	IS 3025 (Part-53) : 2003

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.

Analysed by

Junior Analyst
(Chandrika)

Authorized Signatory

Senior Analyst / Technical manager
(Sumitra)

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/DR-01.
- 6) Note : BDL-Below Detection Limit. NTU : Nephelometric meter

RDWSD/WQMSP/TeR/O