



**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 MASTER,  
 SARVODAYA PUBLIC  
 Higher Primary School,  
 MANVI.

**Sample Details :-**  
 Source :- RO water  
 Location :- At School

Report date: 28/07/2025  
 Report Number: MAN25JUL0013  
 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 24<sup>th</sup> 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, µS/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 <sub>3</sub> , mg/l	16	200	600	IS 3025 (Part-23) : 2023
8.	Total Hardness as CaCO <sub>3</sub> , 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 <sub>4</sub> , mg/l	9.80	200	400	IS 3025 (Part-24) :2022
13.	Fluoride as F, mg/l	0.88	1	1.5	APHA 23 <sup>rd</sup> Edition 4500F-D RA :APHA 24 <sup>th</sup> Edition
14.	Nitrate as NO <sub>3</sub> , mg/l	2.21	45	No relaxation	APHA 23 <sup>rd</sup> Edition 4500-NO3- B RA :APHA 24 <sup>th</sup> 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  
  
 Senior Analyst / Junior Analyst  
 (Sumitra) (Chandrika)

Verified by  
  
 Quality Manager

RDWSD/WQMS/TeR/D

Note:

- The above results relate only to the sample tested.
- The report shall not be reproduced except in full without the prior approval of the Quality Manager.
- Traceability: Traceability of measurements is established using CRMs traceable to National/International standards.
- Samples will be discarded after 15 days from the date of report generation.
- Decision rule is applicable as per the procedure mentioned in RDWSD/WQMS/DR-01.
- Note : BDL-Below Detection Limit. NTU : Nephelometric meter

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 Jul 29, 2025, 18:43

**PRINCIPAL**  
 Sarvodaya Public School  
 MANVI-584123 Dt: Raichur

**SECRETARY**  
 Sri Sanjeevaraya Education Trust (R)  
 Manvi-584123 Dist : Raichur

