



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



TC-16319

TEST REPORT

TO, HEAD MASTER VIDYAJYOTHI HIGHER PRIMARY AND HIGH SCHOOL GABBUR-584113 DEVADURGA RAICHUR <u>SAMPLE DETAILS:</u> TALUK : RAICHUR ADDRESS OF THE SAMPLE LOCATION : AT SCHOOL (BOREWELL WATER)				ULR NO : TC163192600000075F	
				Report date: 27/08/2026	
				Report Number: DEV26AUG0006	
				Reference: Sample receipt Form(Departmental)	
				Sample receipt date: 25/08/2026	
				Sample code: DEV26AUG0006	
				Date of Sample collection: 25/08/2026	
				Analysis start date: 25/08/2026	
				Analysis completion date: 27/08/2026	
				Sample collection protocol: APHA 24 th Edition	
Environmental Condition : 25.5° C					
Sample Particulars: BOREWELL WATER				Sample quantity: 1000 mL	
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	7.72	6.5 – 8.5	No relaxation	IS 3025 (Part-11) : 2022
2.	Specific Conductance, µS/cm@ Temp 25° C	3360	—	—	IS 3025 (Part-14) : 2019
3.	Odour	Agreeable	Agreeable	Agreeable	IS 3025 (Part-5) : 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	2170	500	2000	IS 3025 (Part-16) : 2023
7.	Total Alkalinity as CaCO ₃ , mg/l	560	200	600	IS 3025 (Part-23) : 2023
8.	Total Hardness as CaCO ₃ , mg/l	544.48	200	600	IS 3025 (Part-21) : 2019
9.	Calcium as Ca, mg/l	183.52	75	200	IS 3025 (Part-40) : 2024
10.	Magnesium as Mg, mg/l	20.89	30	100	IS 3025 (Part-46) : 2023
11.	Chloride as Cl, mg/l	490	250	1000	IS 3025 (Part-32) : 2019
12.	Sulphate as SO ₄ , mg/l	86.40	200	400	IS 3025 (Part-24) : 2022
13.	Fluoride as F, mg/l	1.12	1	1.5	APHA 24 th Edition 4500F-D:2023
14.	Nitrate as NO ₃ , mg/l	54.03	45	No relaxation	APHA 24 th Edition 4500-NO3- B:2023
15.	Iron as Fe, mg/l	0.18	1	No relaxation	IS 3025 (Part-53) : 2024
Remarks: The given sample Specified Parametrns conforms within the Permissible Limit of IS 10500:2012 RA:2018 Drinking water specification for above Tested physical & chemical parameters only Except Nitrate and TDS.					
Verified By: Senior Analyst (TM) / Junior Analyst (Sumitra) (Chandrika)			Authorized Signatory Senior Analyst (TM) / Junior Analyst (sumitra) (Chandrika)		

Note:

RDWSD/WQMSP/TeR/01

- 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/WQMSP
- Note : BDL-Below Detection Limit. NTU : Nephelometric meter

SECRETARY ----- End of the Report -----
 VidyaJyothi Education Development Trust (R)
 GABBUR-584 113.
 Tq. Devadurga. Dist. Raichur

PRINCIPAL
 VIDYAJYOTI HIGHER PRIMARY
 AND HIGH SCHOOL
 GABBUR-584113.
 Tq. Devadurga, Dist. Raichur
 Dis Code : 29060104009



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TC-16319

TEST REPORT					
TO, HEAD MASTER VIDYAJYOTHI HIGHER PRIMARY AND HIGH SCHOOL GABBUR-584113 DEVADURGA RAICHUR <u>SAMPLE DETAILS:</u> TALUK : RAICHUR ADDRESS OF THE SAMPLE LOCATION : AT SCHOOL (DRINKING WATER)				ULR NO : TC163192600000076F	
				Report date: 28/08/2026	
				Report Number: DEV26AUG0007	
				Reference: Sample receipt Form(Departmental)	
				Sample receipt date: 25/08/2026	
				Sample code: DEV26AUG0007	
				Date of Sample collection: 25/08/2026	
				Analysis start date: 25/08/2026	
				Analysis completion date: 27/08/2026	
				Sample collection protocol: APHA 24 th Edition	
Environmental Condition : 25.5° C					
Sample Particulars: DRINKING WATER				Sample quantity: 1000 mL	
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	6.66	6.5 – 8.5	No relaxation	IS 3025 (Part-11) : 2022
2.	Specific Conductance, $\mu\text{S}/\text{cm}$ @ Temp 25° C	346	—	—	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	210	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	36.03	200	600	IS 3025 (Part-21) : 2019
10.	Calcium as Ca, mg/l	5.60	75	200	IS 3025 (Part-40) : 2024
11.	Magnesium as Mg, mg/l	5.34	30	100	IS 3025 (Part-46) : 2023
12.	Chloride as Cl, mg/l	36	250	1000	IS 3025 (Part-32) : 2019
13.	Sulphate as SO_4 , mg/l	11.90	200	400	IS 3025 (Part-24) : 2022
14.	Fluoride as F, mg/l	1.02	1	1.5	APHA 24 th Edition 4500F-D:2023
15.	Nitrate as NO_3 , mg/l	24.65	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 Specified Parametrs conforms within the Permissible Limit of IS 10500:2012 RA:2018 Drinking water specification for above Tested physical & chemical parameters only.					
Verified By: Senior Analyst (TM) / Junior Analyst (Sumitra) (Chandrika)			Authorized Signatory Senior Analyst (TM) / Junior Analyst (sumitra) (Chandrika)		

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- Note : BDL-Below Detection Limit. NTU : Nephelometric meter

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

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