



DHARWAD DISTRICT DRINKING WATER QUALITY TESTING LABORATORY

RURAL DRINKING WATER & SANITATION DEPARTMENT,

GoKPRE Subdivision first floor Durga colony, Opp Bendre college Saptapur Dharwad 580001

Email : rdwsd.wqmosp.dharwad@gmail.com Ph no : 0836-2956771

TEST REPORT					
Address of the sample : GIANTS ENGLISH MEDIUM SCHOOL Akshay Park, Gokul Road, Hubli -580 030 Karnataka				Report date: 10-07-2025	
				Report no : 0046	
				Reference: Sample receipt Form	
				Sample receipt date: 08-07-2025	
				Sample code :DHA25PVT0046	
				Date of Sample collection: 08-07-2025	
				Analysis start date: 08-07-2025	
				Analysis completion date: 10-07-2025	
Sample collection protocol: APHA 24 th method				Sample quantity:1000ml	
Sample Particulars : Borewell water					
Sl.No	Test	Results	Acceptable Limit IS 10500:2012 RA:2018	Permissible Limit IS 10500: 2012 RA:2018	Protocol
Description:					
1.	pH Value @25.2°C	7.80	6.5 – 8.5	No relaxation	IS 3025 (Part-11):2022
2.	Specific Conductance, $\mu\text{S}/\text{cm}$ @25.2°C	850	—	—	IS 3025 (Part-14):2013
3.	Odour	Agreeable	Agreeable	Agreeable	IS 3025 (Part-5):2018
4.	Colour, Hazen Units	<5	5	15	IS 3025 (Part-4) :2021
5.	Turbidity, NTU	0.7	1	5	IS 3025 (Part-10): 2023
6.	Total Dissolved Solids@ 180°C, mg/l	510	500	2000	IS 3025 (Part-16): 2023
7.	Total Alkalinity as CaCO_3 , mg/l	230.84	200	600	IS 3025 (Part-23): 2023
8.	Total Hardness as CaCO_3 , mg/l	261.60	200	600	IS 3025 (Part-21): 2009
9.	Calcium as Ca, mg/l	52.36	75	200	IS 3025 (Part-40): 1991
10.	Magnesium as Mg, mg/l	31.76	30	100	IS 3025 (Part-46): 2023
11.	Chloride as Cl, mg/l	148.72	250	1000	IS 3025 (Part-32): 1988
12.	Sulphate as SO_4 , mg/l	88.81	200	400	IS 3025 (Part-24):2022
13.	Fluoride as F, mg/l	0.33	1	1.5	APHA 24 th Edition 4500 F-D
14.	Nitrate as NO_3 , mg/l	13.85	45	No relaxation	APHA 24 th Edition 4500 NO3-B
15.	Iron as Fe, mg/l	0.07	1	No relaxation	IS 3025 (Part-53): 2003
16.	Bacteriological (H2S Test Method)	Absent	Absent/Present		
Remarks: The above tested parameters are within the acceptable limits, except tds, total alkalinity, total hardness and magnesium are within the permissible limits as per the specification of IS 10500-2012 RA-2018.					
Analysed by: Junior Analyst			Authorised signatory: Senior Analyst		



RDWSD/WQMSP/TeR/01

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 for chemical parameters.
- 5) Decision rule is applicable as per the procedure mentioned in RDWSD/WQMSP/DR-01.

End of the report

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TEST REPORT					
Address of the sample : GIANTS ENGLISH MEDIUM SCHOOL Akshay Park, Gokul Road, Hubli -580 030 Karnataka				Report date: 10-07-2025	
				Report no : 0047	
				Reference: Sample receipt Form	
				Sample receipt date: 08-07-2025	
				Sample code :DHA25PVT0047	
				Date of Sample collection: 08-07-2025	
				Analysis start date: 08-07-2025	
Sample Particulars : Corporation water				Analysis completion date: 10-07-2025	
				Sample collection protocol: APHA 24 th method	
				Sample quantity:1000ml	
Sl.No	Test	Results	Acceptable Limit IS 10500:2012 RA:2018	Permissible Limit IS 10500: 2012 RA:2018	Protocol
Description:					
1.	pH Value @25.2°C	7.20	6.5 - 8.5	No relaxation	IS 3025 (Part-11):2022
2.	Specific Conductance, $\mu\text{S}/\text{cm}$ @25.2°C	306	-	-	IS 3025 (Part-14):2013
3.	Odour	Agreeable	Agreeable	Agreeable	IS 3025 (Part-5):2018
4.	Colour, Hazen Units	<5	5	15	IS 3025 (Part-4) :2021
5.	Turbidity, NTU	0.8	1	5	IS 3025 (Part-10): 2023
6.	Total Dissolved Solids@ 180°C, mg/l	184	500	2000	IS 3025 (Part-16): 2023
7.	Total Alkalinity as CaCO_3 , mg/l	91.54	200	600	IS 3025 (Part-23): 2023
8.	Total Hardness as CaCO_3 , mg/l	99.09	200	600	IS 3025 (Part-21): 2009
9.	Calcium as Ca, mg/l	20.63	75	200	IS 3025 (Part-40): 1991
10.	Magnesium as Mg, mg/l	11.55	30	100	IS 3025 (Part-46): 2023
11.	Chloride as Cl, mg/l	54.79	250	1000	IS 3025 (Part-32): 1988
12.	Sulphate as SO_4 , mg/l	25.19	200	400	IS 3025 (Part-24):2022
13.	Fluoride as F, mg/l	0.17	1	1.5	APHA 24 th Edition 4500 F-D
14.	Nitrate as NO_3 , mg/l	5.85	45	No relaxation	APHA 24 th Edition 4500 NO3-B
15.	Iron as Fe, mg/l	0.08	1	No relaxation	IS 3025 (Part-53): 2003
16.	Bacteriological (H2S Test Method)	Absent	Absent/Present		
Remarks: The above tested parameters are within the acceptable limits as per the specification of IS 10500-2012 RA-2018.					
Analysed by: Junior Analyst			Authorised signatory: Senior Analyst		



RDWSD/WQMSP/TeR/01

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End of the report

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