



DHARWADDISTRICT DRINKING WATER QUALITY TESTING LABORATORY

RURAL DRINKING WATER & SANITATION DEPARTMENT, GoK
PRE Subdivision first floor durga colony, Opp Bendre college Saptapur Dharwad 580001
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TEST REPORT

Address of the sample :

District : Dharwad
Taluk : Hubli
City : Hubli
Habitation : Vijaynagar,
Location : MJE SYS Lions English medium School
Vijaynagar
Hubli.

Report date: 01-07-2024
Report no :0156
Reference: Sample receipt Form
Sample receipt date:29-06-2024
Sample code:0156
Date of Sample collection: 29-06-2024
Analysis start date: 29-06-2024
Analysis completion date: 01-07-2024
Sample collection protocol: APHA 24th method

Sample Particulars : Corporation water

Sample quantity:1000ml

Sl.No	Test	Results	Acceptable Limit IS 10500:2012 RA:2018	Permissible Limit IS 10500: 2012 RA:2018	Protocol
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Description:

1.	pH Value @25.2°C	7.51	6.5 – 8.5	No relaxation	IS 3025 (Part-11):2022
2.	Specific Conductance, $\mu S/cm$ @25.2°C	223	—	—	IS 3025 (Part-14):2013
3.	Odour	Agreeable	Agreeable	Agreeable	IS 3025 (Part-5 & 6):2018
4.	Taste	Agreeable	Agreeable	Agreeable	IS 3025 (Part-8):2023
5.	Colour, Hazen Units	<5	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	130	500	2000	IS 3025 (Part-16): 2023
8.	Total Alkalinity as $CaCO_3$, mg/l	52.26	200	600	IS 3025 (Part-23): 2023
9.	Total Hardness as $CaCO_3$, mg/l	64.06	200	600	IS 3025 (Part-21): 2009
10.	Calcium as Ca, mg/l	17.63	75	200	IS 3025 (Part-40): 1991
11.	Magnesium as Mg, mg/l	4.86	30	100	IS 3025 (Part 45): 2023
12.	Chloride as Cl, mg/l	45.66	250	1000	IS 3025 (Part-32): 1988
13.	Sulphate as SO_4 , mg/l	19.27	200	400	IS 3025 (Part-24):2022
14.	Fluoride as F, mg/l	0.32	1	1.5	APHA 23 rd Edition
15.	Nitrate as NO_3 , mg/l	3.39	45	No relaxation	APHA 23 rd Edition
16.	Iron as Fe, mg/l	0.08	1	No relaxation	IS 3025 (Part-53): 2003

Remarks: The above tested parameters are within the acceptable limits as per the specification of IS 10500-2012 RA-2018.

Analysed by:

R. Nimbalkar
Junior Analyst



Senior Analyst

V. K. Kumbhar
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 for chemical & 7 days for Microbiology parameters.
- 5) Decision rule is applicable as per the procedure mentioned in RDWSD/WQMSP/DR-01.