

State / Regional / District / Public Health Laboratory, Ratnagiri

E-mail-ID :

Phone No. :

REPORT ON CHEMICAL EXAMINATION OF WATER FOR DRINKING PURPOSES

Date of Collection :— 05/03/26 Date of Receipt :— 05/03/26 Date of Examination :— 05/03/26 & onwards

(All the Analytical Results are in mg./Litre except pH, Turbidity)

Sr. No.	TEST PARAMETER	(1) <u>Borewell</u>	(2)	(3)	BIS Specification 10500 : 2012 Normal Values	
					Desirable Limits	Permissible Limits
1.	Physical Appearance	<u>clear colourless</u>			—	—
2.	Odour	<u>Agreeable</u>			Agreeable	Agreeable
3.	Turbidity (as N.T.U.)	<u>0.84</u>			1.0	5.0
4.	pH Value	<u>7.01</u>			6.5 to 8.5	No relaxation
5.	Chlorides (as Cl)	<u>18.76</u>			250	1000
6.	Nitrates (as NO ₃)	<u>0.00</u>			45	No relaxation
7.	Total Hardness (as CaCO ₃)	<u>70</u>			200	600
8.	Alkalinity (as CaCO ₃)	<u>52.92</u>			200	600
9.	Total Dissolved Solids	<u>169</u>			500	2000
10.	Iron (as Fe)	<u>0.152</u>			0.3	No relaxation
11.	Fluoride (as F)	<u>Not detected</u>			1.0	1.5
12.	Other Tests (if any)	<u>—</u>				
13.						
14.						
15.						
16.						
17.						
18.						
19.						
20.						

- This report is restricted only for the Sample/s is Submitted to this Laboratory.
- This Sample/s is / are not Collected by this Laboratory.

[P.T.O.]

REMARKS

A) Sample No. (s) 1 is/are potable / chemically fit for drinking purpose on the basis of analysed parameters only.

However, this / these water source/s can be used for drinking purpose only after proper treatment, disinfection and ascertaining it's bacteriological quality frequently or regularly.

B) Sample No. (s) _____ Contains _____

However, if there is no any other alternate source available nearby then this / these water Source/s can be used for drinking purpose only after proper treatment, disinfection and ascertaining it's bacteriological quality frequently or regularly.

C) Sample No. (s) _____ Contains _____

Hence, this / these water Source/s is / are chemically non-potable / unfit for drinking purpose on the basis of analysed parameters only.

HEALTH SERVICES

No. 430

Date :- 16/03/2026.

Forwarded With Compliments To : Principal,

U.K. Public School, Mauje Dapoli,

To, Dapoli, Dist. Ratnagiri

With reference to letter No. : _____ Dated :-

Fees Rs. : 6001 -

Receipt No. and Date : 9207121
05103K096

MANAGER
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Rachap
Chief Bacteriologist,
District Public Health Laboratory
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