

District Public Health Laboratory, Yavatmal.

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REPORT ON CHEMICAL EXAMINATION OF WATER FOR DRINKING PURPOSES

Dt. of Collection:- 12/6/2025 Dt. of Receipt:- 12/6/2025 -Dt. of Exam:- 12/6/2025 onwards
 (All the Analytical Results are in mgs. / liter except pH & Turbidity)

SR.NO	TEST PARAMETER (Drinking water)	① Modern Public School Urf.	BIS Specifications 10500 : 2012(Edn.2.2) Normal Values	
			Desirable Limits	Permissible Limits
1	Physical Appearance	clear.	-	--
2	Odour	Odourless.	Unobjectionable	--
3	Turbidity (N.T.U.)	0.13	1	5
4	pH Value	7.2	6.5 to 8.5	No Relaxation
5	Fluoride (as F)	0	1	1.5
6	Nitrates (as NO ₃)	0	45	No Relaxation
7	Total Dissolved Solids	154	500	2000
8	Iron (as Fe)	0	0.3	No Relaxation
9	Chlorides (as Cl)	28	250	1000
10	Total Hardness (as CaCO ₃)	52	200	600
11	Alkalinity (as CaCO ₃)	88	200	600
12	Permanent Hardness(As CaCO ₃)	0	-	-

- This Report is restricted only for the sample/s submitted to this laboratory.
- It is presumed that the representative sample from the source is sent for analysis.

REMARKS

- ✓ A) Water Sample No. ① is chemically fit/potable for drinking purposes on the basis of analyzed parameters only. However, this/these water source(s) can be used for drinking purposes only after proper disinfection and ascertaining it's bacteriological quality.
- ✗ B) Sample No. Contain/s..... is/ are more than the Desirable limit as per BIS specifications. However, it can be used for drinking purposes only in the absence of alternate source and only after proper treatment & disinfection and ascertaining it's bacteriological quality.
- ✗ C) Sample No. Contains /s..... is/are more than the Permissible limit as per BIS specifications. Hence this / these water source(s) is / are Unfit for drinking purposes.

HEALTH SERVICES

LR. No - 245/2122/2025
 Date: - 16.06.2025

Forwarded With Compliments To:-

Principal,
 Modern Public School,

With reference to letter no.....Dated :-

12/6/25 Umarchool.


 Chief Bacteriologist
 Dist. Public Health Laboratory,
 Yavatmal

Government Of Maharashtra Public Health Department

DISTRICT PUBLIC HEALTH LABORATORY, YAVATMAL.

E-mail ID: dphlyvt@gmail.com

REPORT OF BACTERIOLOGICAL EXAMINATION OF WATER FOR DRINKING PURPOSE

To :- Principal ,Modern Public School,Umarkhed

Letter NO &Date: - / 12.06.2025

Lab Ref no.:- 268

Date of Collection: - 12.06.2025

Date of Receipt: 12.06.2025

Date of Examination: -12.06.2025

S. N .	Particular Of Samples	Results Of Examination		Remarks
		Bacteria Per 100ML		
		Coli forms	Thermotolarent	
1	R/O filter, Modern Public School,Umarkhed	0	-	Potable

Note :Contaminated water sample should be properly chlorinated & rested for Bacteriological test and after confirmation, can be used for drinking Purpose.

Note :-1. It is presumed that the above water sample is collected by responsible person and from the same source mention in your letter.

2. This Report is restricted only for the sample submitted to this Laboratory.

HEALTH SERVICES

No./dphl/ytl/Bact./ L.R 268 /269/2025

District Public Health Laboratory, Yavatmal

Dated :- 16/06/2025


Chief Bacteriologist
Dist.Public Health Laboratory
Yavatmal