District Public Health Laboratory, Yavatmal.

E-mail ID: dphlyvt@gmail.com Phone :07232-242946

REPORT ON CHEMICAL EXAMINATION OF WATER FOR DRINKING PURPOSES

Dt. of Collection:- 08/09/26 Dt. of Receipt:- 08/09/26 -Dt. of Exam:- 08/09/26 onwards

(All the Analytical Results are in mgs. / liter except pH & Turbidity)

SR.NO	TEST PARAMETER	1) R.O, Principal sky public school, kinhi Tq-Yavatmal	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	1	5
4	P^H Value	6.6	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	36	500	2000
8	Iron (as Fe)	0	1.0	No Relaxation
9	Chlorides (as Cl)	2	250	1000
10	Total Hardness (as $CaCO_3$)	12	200	600
11	Alkalinity (as $CaCO_3$)	14	200	600
12	Permanent Hardness(As CaCo3)	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

I.R. No - 4251/3941/2026

Date: - 11/9/26

Forwarded With Compliments To:- Principal, Sky public School, Kinhi Tq-Yavatmal

With reference to letter no. 332/2026 Dated .- 08/09/26

NR

Chief Bacteriologist
Dist.Public Health Laboratory
Yavatmal