

Public Health Engineering Department District Water- Testing

Laboratory Gwalior

Test Report

Type of sample: Water Sample		Particular of sample : collected / not collected by PHED ✓	
Particular of sender:-Gurukulam Education Trust NH-75 Sitholi ,Jhansi Road Gwalior M.P.			
Sample No.	Place of Collection and Details of Sample	Date of collection	
1	Drinking water	18.12.2025	
2	-	-	
3	-	-	
4	-	-	
Particular of Sample :			
Date of Receipt:- 18.12.2025		Time of Receipt: 12:40 PM	
Lab Reference No: -		Date of Analysis: 19/12/2025	

Nature of Study – Chemical and Bacteriological Analysis

S.N.	Characteristics	Unit	As Per BIS-10500-2012 For Drinking Water		RESULT			
			Acceptable Value	Permissible limit in the absence of alternate source	Sample 1	Sample 2	Sample 3	Sample 4
PHYSICAL TEST								
1	Turbidity	NTU	1.0	5.0	2.1	-	-	-
2	Color	Cobalt	5	15	-	-	-	-
3	Taste & Odour		Unobjectionable	Objectionable	Unobjectionable	-	-	-
4	Temperature	C°	-	-	-	-	-	-
5	PH Value	PH Scale	6.5 To 8.5	No Relaxation	7.5	-	-	-
6	Alkalinity	Mg/L	200	600	370	-	-	-
7	Chlorides (as Cl)	Mg/L	250	1000	60	-	-	-
8	Nitrate as No3	Mg/L	45	45	10.4	-	-	-
9	Total hardness	Mg/L	200	300	354	-	-	-
10	Calcium as Ca	Mg/L	75	200	87	-	-	-
11	Magnesium as mg	Mg/L	30	100	33	-	-	-
12	Iron	Mg/L	0.3	1.0	0.2	-	-	-
13	Free Chlorine	Mg/L	0.2	1.0	0.0	-	-	-
14	T.D.S.	Mg/L	500	2000	546	-	-	-
15	Fluoride	Mg/L	1.0	1.5	0.16	-	-	-
16	Sulphate sa SO4	Mg/L	200	400	20	-	-	-
17	MPN of coliform	per 100 ml	Nil		-	-	-	-
18	Faecal Coliform	Per 100 ml	Nil		Nil	-	-	-

1. This report should not be provided partially or fully without approval of signatory authorities for legal purposes.
2. It is Recommended that acceptable limit is to be implemented values in excess those mentioned under " Acceptable" render the water not suitable, but still may be tolerated in the absence of an alternative source, but up to the limits indicated under the "permissible limit in the absence of alternate Source"
3. The results refer only to TEST samples and parameters TEST.
4. samples will be stored for a period of 10 days from the date of issue of report.
5. This Lab does not hold any responsibility for variation in results for samples kept on hold for want of clarification.

Signature of Analyst

District Water Testing Lab
P.H.E Division Gwalior

Lab In charge

P.H.E.D. Division Gwalior (M.P.)
P.H.E. Division, Gwalior (M.P)

No. 387 /PHED/ Date :- 22/12/2025