

5-16

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**PUBLIC HEALTH ENGINEERING DEPARTMENT  
SUB DIVISION BARWANI M. P.  
WATER ANALYSIS REPORTS**

Source of sample - Kendriya Vidhyalaya Barwani Distt. Barwani (M.P.)

PARTICULARS OF SENDER -

Reference No. 5-16/KVB/2023-24 & Date - 24/07/2023

DISTT. BARWANI

PARTICULARS OF SAMPLE

Collected/Not collected by PHED

Sample No.	Place of Collection and details of Sample	Date
1	Tap Water	24/7/2023

PARTICULARS OF BE FILLED IN THE LABORATORY

LAB. REFERENCE NO. :

Tested on :-24-25/07/2023

No.	Characteristics	Unit	As Per BIS - 10500:2012		Results sample No.1
			Requirement (Desirable Limit)	Permissible Limit in the absence of Alternate Source	
<b>PHYSICAL TEST</b>					
1	Temperature	oC	.....	.....	30.5
2	Turbidity	NTU	1	5	3.6
3	Colour	Hazen Units	5	15	-
4	Odour	.....	Unobjectionable	objectionable	-
<b>CHEMICAL TESTS</b>					
5	PH	PH scale	6.5 to 8.5	No Relaxation	7.90
6	Total Hardness as Caco3	mg/l	300	600	160
7	Calcium as Ca	mg/l	75	200	65
8	Magnesium as Mg	mg/l	30	100	22
9	Total Alkanity as Caco3	mg/l	200	600	160
10	chloride as CL	mg/l	250	1000	42
11	Nitrate as NO3	mg/l	45	45	0
12	T.D.S.	mg/l	500	2000	169
13	Iron	mg/l	0.3	1	0.13
14	Sulphate	mg/l	200	400	-
15	Fluoride	mg/l	1	1.5	0.42
16	Manganese.as	mg/l	0.1	0.3	-
17	residual Chlorine as	mg/l	0.2	1	-
18	conductivity	mg/l	500	2000	349
<b>BACTERIOLOGICAL TEST</b>					
1	Total Coliform	par/100ml			Nil

Lab Assistant Signature

*Patel*  
Laboratory Chemist  
District Laboratory  
P.H.E. Sub. Dn. Barwani

*Patel*  
**Principal**  
**केन्द्रीय विद्यालय, बड़वानी**  
Kendriya Vidyalaya, Barwani