

DISTRICT WATER TESTING LABORATORY,

Public Health Engineering Department (PHED) Store,
Pathar Mohalla, District Ashoknagar (M.P.)

Test Report


Nature Of Sample	Drinking Water Sample	Not Sampled by Division Water testing Lab. Ashoknagar	Unique Identification No.
Sender's Name & Address		Sender's Letter No.	
Kendriya Vidyalaya Chandera Add- Kendriya Vidyalaya Chandera Pichhosi Bypass Road/Chandera Dist- Ashoknagar (M.P.)		Sender's Letter Date - 04/03/2024	
		DWTL Letter Receipt No. 04/03/2024	
		DWTL Letter Receipt Date. 04/03/2024	
		Date of Analysis started 04/03/2024	
		Date of Analysis Completed 06/03/2024	
		Quantity of Sample - 1 liter.	


Sample Details :					
S.No	Block	Gram Panchayat	Village	Location	Source
1	Chandera	—	—	At school	Tap water
2					

Physical & Chemical Test Report With Details Of Parameters Their Test Methods, Units And Specification as per BIS.

S.No	Characteristics	Unit	As Per BIS 10500:2012 & Reaffirmed in sep. 2018		Test Result	
			Requirement (Desirable Limit)	Permissible Limit in the absence of alternate Source	Sample Numbers	
					1	2
PHYSICAL TEST						
1	Temperature	C	—	—	—	—
2	Turbidity	NTU	1	5	1.8	—
3	Colour	Hazen Unite	5	15	6	—
4	Test and odour	—	Unobjectionable	Unobjectionable	Unobj-	—
CHEMICAL TEST						
5	pH Value	pH Scale	6.5 - 8.5	No relaxation	7.4	—
6	Total Alkalinity (as CaCO3)	mg/l	200	600	260	—
7	Chlorides	mg/l	250	1000	180	—
8	Nitrates	mg/l	45	45	4	—
9	Total Hardness (as CaCO3)	mg/l	200	600	264	—
10	Calcium (as Ca)	mg/l	75	200	56	—
11	Magnesium (as Mg)	mg/l	30	100	29.76	—
12	Total Dissolved Solids (T.D.S.)	mg/l	500	2000	380	—
13	Fluoride	mg/l	1	1.5	0.4	—
14	Iron	mg/l	0.3	1	0.2	—
15	Arsenic	mg/l	0.01	0.01	0	—
16	Total Coliform	Per 100ml	0	0	0	—
17	E-coli	Per 100ml	0	0	0	—
18	Manganese	mg/l	0.01	0.03	—	—
19	Sulphate	mg/l	200	400	—	—
20	Residual Chlorine	mg/l	0.2	1	—	—

Remark:- According to the test Water of given Sample is Fit / ~~Unfit~~ for drinking Purpose.


CHEMIST
 District Water Testing Laboratory
 P.H.E. Division Ashoknagar (M.P.)
DISTRICT WATER TESTING LAB
PHED ASHOKNAGAR (M.P.)
 Issue / Dispatch No. / DWTL/PHED/Ashok Nagar/2024


ASSISTANT ENGINEER
 Public Health Engineering Department
 Ashoknagar (M.P.)
PUBLIC HEALTH ENGINEER DEPARTMENT
DIVISION ASHOKNAGAR (M.P.)
 07/03/2024