

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.	147/2024
Sender's Name & Address		Sender's Letter No.			
Swami Vivekanand Shishu Mandir Add- Chandeesi Road- Ashoknagar (M.P.)		Sender's Letter date. 26/02/2024			
		DWTL Letter Receipt No. —			
		DWTL Letter Receipt Date. 26/02/2024			
		Date of Analysis started 28/02/2024			
		Date of Analysis Completed 28/02/2024			
		Quantity of Sample. 1 liter, OK			

Sample Details :					
S.No	Block	Gram Panchayat	Village	Location	Source
1	Ashoknagar	—	—	School campus	Borewell
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	1.2	—
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 CaCO ₃)	mg/l	200	600	120	—
7	Chlorides	mg/l	250	1000	230	—
8	Nitrates	mg/l	45	45	2	—
9	Total Hardness (as CaCO ₃)	mg/l	200	600	240	—
10	Calcium (as Ca)	mg/l	75	200	52.5	—
11	Magnesium (as Mg)	mg/l	30	100	28.4	—
12	Total Dissolved Solids (T.D.S.)	mg/l	500	2000	285	—
13	Fluoride	mg/l	1	1.5	0.2	—
14	Iron	mg/l	0.3	1	0.4	—
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
Public Health Engineering Department
Sub-Division Ashoknagar (M.P.)

Issue / Dispatch No. / DWTL/PHED/Ashok Nagar/2023

PRINCIPAL

SWAMI VIVEKANAND SHISHU MANDIR
ASHOKNAGAR

Assistant Engineer
Public Health Engineering Department
Sub-Division Ashoknagar (M.P.)

Issue / Dispatch Date

Manager

Swami Vivekanand Shishu Mandir
Ashoknagar

28/02/2024