

PUBLIC HEALTH ENGINEERING DEPARTMENT

DISTRICT WATER TESTING LABORATORY P.H.E.D. INDORE (M.P.)

ANALYSIS REPORT

Type of sample :-

Particular of sender :-

Particular of sample

Tubewell water sample

Principal, The Vedanesh International School Indore

Collected / Not collected by PHED ☒

Sample no.	Place of collection and details of sample	Date
01	Tubewell, water sample, The vedanesh I- School, Campus, Indore	31/07/2026

particular to be filled in the laboratory

Date of Receipt:- 31/07/2026	Time of Receipt:- 12:30 PM
Lab Reference No. 38/03-08-2026	Date of Analysis:- 03/08/2026

Nature of Testing- Physical, Chemical and Bacteriological Analysis

S.no.	Characteristics	Unit	As Per BIS -10500:2012 for Drinking water		Result			
			Requirment (Desirable Limit)	Permissible Limit in the absence of alternet source	Sample 1	Sample 2	Sample 3	Sample 4

PHYSICAL TESTS

1	Temperature	°C	-	-	—			
2	Turbidity	NTU	1.0	5.0	2.1			
3	Colour	Hazen	5	15	0			
4	Taste Rating	-	Agreeable	Agreeable	Agreeable			
5	Odour	-	Agreeable	Agreeable	Agreeable			

CHEMICAL TESTS

6	pH Value	pH Scale	6.5 to 8.5	No relaxation	7.26			
7	Total Hardness as CaCO ₃	Mg/l	200	600	302			
8	Calcium as Ca++	Mg/l	75	200	48			
9	Magnisium as Mg++	Mg/l	30	100	43.2			
10	Total Alkalinity as CaCO ₃	Mg/l	200	600	120			
11	Chloride as Cl	Mg/l	250	1000	88			
12	Nitrate as NO ₃	Mg/l	45	45	17.8			
13	Total Dissolved Solids	Mg/l	500	2000	499			
14	Iron	Mg/l	1.0	1.0	0.10			
15	Sulphate as SO ₄	Mg/l	200	400	98.24			
16	Fluoride as F ⁻	Mg/l	1.0	1.5	0.20			
17	Manganese as Mn	Mg/l	0.1	0.3	00			
18	Residual Chlorine as Cl ₂	Mg/l	0.2	1.0	—			
19	Arsenic	Mg/l	0.01	0.0	—			

BACTERIOLOGICAL TESTS

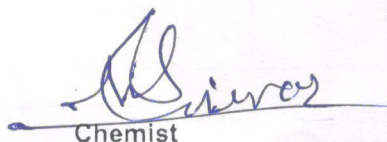
20	MPN of Coliform	Per 100 ml	Nil	00			
21	Faecal Coliform	Per 100 ml		00			

NOTES :- The figure indicated under the column "**Requirment (Desirable Limit)**" the limits unto which water is generally acceptable to the consumers. Figures in excess of those mentioned under "**Requirment (Desirable Limit)**" the water not acceptable , but still may be tolerated in the absence of an alternative and better source but upto the limits indicated under column "**Permissible Limit in the absence of althernat source**" above which the source will have to be rejected (**Guidline values for Drinking Water as Per BIS 10500: 2012**).

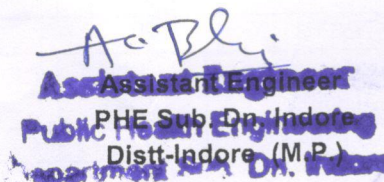
In All water intended for Drinking Water E.Coli or Thermo tolerant Coliform Bacteria must not be Detactable in any 100 ml sample.

Treated water entering in / in distribution system E.Coli or Thermo Tolerent Coliform bacteria and Total Coliform bacteria must not be detectable in any 100 ml sample. In case of large supplies, Where sufficient samples are examined must not be present in 95% of samples taken through out any 12 months period.

Remark if any :- As per above test water sample is found
Pateable water.


Chemist

District Water Testing Laboratory
P.H.E. Sub.Dn.Indore
Distt. Indore


Assistant Engineer
PHE Sub.Dn.Indore
Distt-Indore (M.P.)

NO. 975 /lab/ A.E/ Phe.sub.Division Indore Date 07/08/26