

Office of the Assistant Engineer
Public Health Engineering department, Sub. Division, Indore
Radio colony, pani ki tanki, Indore

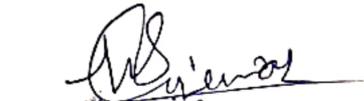
No. ¹⁵ /Lab/A.E./P.H.E./ Sub.dvn/2025

Indore/ Date. 8/1/26

//Certificate//

It is certified that an inspection by Mr. Virendra Singh Girwar
Chemist, District Water Testing Laboratory, P.H.E. Sub. division, Indore
Inspected the Sanmati H.S. School, Residency Area, Indore
----- (M.P) on 26/12/25 and on the basis of Water
Test Report bearing No. 39 dated 24/12/2025 of District Water
Testing (PHED Lab) Certified that the Sanmati H.S. School, Residency
Area, Indore----- (M.P) has safe drinking water facilities for
the students and members of staff of the Institution. School is also
maintains the hygienic sanitation condition in the School building.

The Certificate is valid till a period of **1 year**.


Chemist

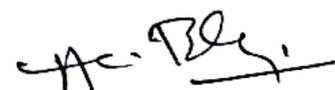
District Water Testing Laboratory

P.H.E. D. Indore (M.P.)

Signature with Seal

Name- Virendra Singh Girwar

Designation- Chemist


Assistant Engineer

Public Health Engineering Department
Sub. Division Indore

To,

Sanmati High school
- Residency Area, Indore
(M.P.)

PUBLIC HEALTH ENGINEERING DEPARTMENT

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

ANALYSIS REPORT

Type of sample :-

R.O. water sample

Particular of sender :-

Mr. Pradeep, operation manager, Sonmati H.S. School, Indore

Particular of sample

Collected / Not collected by PHED

Sample no.	Place of collection and details of sample	Date
01	R.O. water sample, Sonmati H.S. School Campus, Indore	24/12/2025

particular to be filled in the laboratory

Date of Receipt:- <u>24/12/2025</u>	Time of Receipt:- <u>12:30 Pm</u>
Lab Reference No. <u>39/24-12-2025</u>	Date of Analysis:- <u>24/12/2025</u>

Nature of Testing- Physical, Chemical and Bacteriological Analysis

S.no.	Characteristics	Unit	As Per BIS -10500:2012 for Drinking water		Result			
			Requirement (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	3			
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	6.55			
7	Total Hardness as CaCO ₃	Mg/l	200	600	84			
8	Calcium as Ca ⁺⁺	Mg/l	75	200	11.2			
9	Magnisium as Mg ⁺⁺	Mg/l	30	100	13.4			
10	Total Alkalinity as CaCO ₃	Mg/l	200	600	36			
11	Chloride as Cl	Mg/l	250	1000	32			
12	Nitrate as NO ₃	Mg/l	45	45	3.24			
13	Total Dissolved Solids	Mg/l	500	2000	343			
14	Iron	Mg/l	1.0	1.0	0.50			
15	Sulphate as SO ₄	Mg/l	200	400	3.84			
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 "Requirement (Desirable Limit)" the limits upto which water is generally acceptable to the consumers. Figures in excess of those mentioned under "Requirement (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 alternative source" above which the source will have to be rejected (Guideline 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 Detectable in any 100 ml sample.

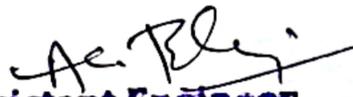
Treated water entering in / in distribution system E.Coli or Thermo Tolerant Coliform bacteria and Total Coliform bacteria must not be detectable in any 100 ml sample. In case of large supplies, Where sufficient samples are examined must not be present in 95% of samples taken through out any 12 months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

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



Chemist

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



Assistant Engineer

Public Health Sub. Div. Indore
Distt. Indore (M.P.)

NO. 15 //lab/ A.E/ Phe.sub.Division Indore Date 8/1/26



कार्यालय सहायक यंत्री,
लोक स्वास्थ्य यांत्रिकी विभाग उपखण्ड इंदौर

क्र 1526

कमांक / प्रयोगशाला / लो.स्वा.या.विभाग / उपखण्ड इंदौर
प्रति,

दिनांक 24/12/25

Mr. Pradeep

Operation Manager

Sanmati H.S. School, Indore

विषय :- जल परीक्षण के कार्य का शुल्क जमा कराने बाबत।

संदर्भ:- आपका पत्र कमांक दिनांक / 23/12/2025

उपरोक्त विषय में लेख है कि Mr. Pradeep, Operation Manager, S.H.S. School द्वारा

इस कार्यालय में जल परीक्षण हेतु स्रोत R.O. water sample का 02 नग

पेयजल नमुना उपलब्ध कराया गया है, जिसकी लोकोशन Sanmati H.S. School

Campus, Indore है।

Invoice

S.no	Parameter	Rate	No.of sample	Amount
1	Physico-chemical tests	1200	02	1200
2	Total coliform & Fecal Coliform Bacteria	350	02	350
Total Amount =				1550.00

उक्त राशि 1550/- रूपये एम.पी. ऑनलाइन (M.P.online) कियोस्क सेंटर के माध्यम से साईबर ट्रेसरी द्वारा, शासकीय चालान लोक स्वास्थ्य यांत्रिकी विभाग में जमा कराये चालान की रिसीप्ट प्राप्त कर इसकी छायाप्रति A.E.P.H.E. Indore sub.division एवं प्रयोगशाला में देवे।

क्रमांक - 1527

प्रतिलिपी -

1. कार्यपालन यंत्री, लोक स्वास्थ्य यांत्रिकी विभाग खण्ड इंदौर की और सुचनार्थ प्रेषित।

A. P. Singh
सहायक यंत्री
लोक स्वास्थ्य यांत्रिकी विभाग
उपखण्ड इंदौर
Virent

दिनांक 24/12/25

A. P. Singh
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