

PUBLIC HEALTH ENGINEERING DEPARTMENT

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

ANALYSIS REPORT

Type of sample :- Aqua guard water sample

Particular of sender :- Principal, San mekha Public School, Ymrajikeda, Indore

Particular of sample

Collected / Not collected by PHED

Sample no.	Place of collection and details of sample	Date
07	<u>Aqua guard water San mekha Public School, Ymrajikeda, Indore</u>	<u>15/01/2025</u>

particular to be filled in the laboratory

Date of Receipt:- <u>15/01/2025</u>	Time of Receipt:- <u>12:30 PM</u>
Lab Reference No. <u>35/15-01-2025</u>	Date of Analysis:- <u>15/01/2025</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	0.9				
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	7-46				
7	Total Hardness as CaCO ₃	Mg/l	200	600	190				
8	Calcium as Ca ⁺⁺	Mg/l	75	200	40				
9	Magnisium as Mg ⁺⁺	Mg/l	30	100	16.8				
10	Total Alkalinity as CaCO ₃	Mg/l	200	600	62				
11	Chloride as Cl	Mg/l	250	1000	54				
12	Nitrate as NO ₃	Mg/l	45	45	7.94				
13	Total Dissolved Solids	Mg/l	500	2000	214				
14	Iron	Mg/l	1.0	1.0	0.40				
15	Sulphate as SO ₄	Mg/l	200	400	19.24				
16	Fluoride as F ⁻	Mg/l	1.0	1.5	0.30				
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

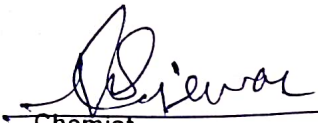
20	MPN of Coliform	Per 100 ml	Nil	00				
21	Faecal Coliform	Per 100 ml		00				

NOTES :- The figure indicated under the column "Requirement (Desirable Limit)" the limits unto 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 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 potable water.


Chemist

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


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

NO. 95 //lab/ A.E/ Phe.sub.Division Indore Date 22/1/25

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

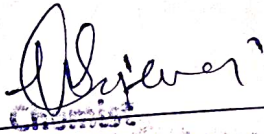
No. ⁹⁵.../Lab/A.E./P.H.E./ Sub.dvn/2025

Indore/ Date ^{22/01/2025}...

//Certificate//

It is certified that an inspection by Mr. Nivendra Singh Girwar
Chemist, District Water Testing Laboratory, P.H.E. Sub. division, Indore
Inspected the San Makino Public School, Umajikeda, Indore
----- (M.P) on 16/01/2025 and on the basis of Water
Test Report bearing No. 35 dated 15/01/2025 of District Water
Testing (PHED Lab) Certified that the San Makino Public School
Umajikeda, 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**.



District Water Testing Laboratory

Signature with (SEAP),

Name- Nivendra Singh Girwar

Designation- Chemist



Assistant Engineer

Public Health Engineering Department

Sub. division Indore

To,

San Makino Public School
Khandua road, Umajikeda
Indore

कार्यालय सहायक यंत्री,
लोक स्वास्थ्य यांत्रिकी विभाग उपखण्ड इंदौर

कमांक 54 / प्रयोगशाला / लो.स्वा.या.विभाग / उपखण्ड इंदौर
प्रति,

दिनांक 15/11/25

Ms. Hemalata Patidar

Principal

San Meelino Public School, Umolikeda, Indore

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

संदर्भ:- आपका पत्र कमांक दिनांक 114/24-25 / 13/01/2025

उपरोक्त विषय में लेख है कि Ms. Hemalata Patidar, Principal, S.M.P. School, Indore द्वारा

इस कार्यालय में जल परीक्षण हेतु स्रोत Aqua guard का 01 नग

पेयजल नमूना उपलब्ध कराया गया है, जिसकी लोकोशन San Meelino Public School,

Umolikeda, Indore है।

Invoice

S.no	Parameter	Rate	No.of sample	Amount
1	Physico-chemical tests	1200	01	1200
2	Total coliform & Fecal Coliform Bacteria	350	01	350
Total Amount =				1550/-

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।

3-55

प्रतिलिपी -

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

Ms. Hemalata Patidar
सहायक यंत्री

लोक स्वास्थ्य यांत्रिकी विभाग
उपखण्ड इंदौर
दिनांक 15/11/25

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