

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

Collected / Not collected by PHED

Sample no.	Place of collection and details of sample	Date
61	R.O. Water sample, Rashash Sasata Vidya Niketan HR. Secondary School, Indore	26/05/2015

particular to be filled in the laboratory

Date of Receipt:- 26/05/2015	Time of Receipt:- 12:30 PM
Lab Reference No. 10/26/05/2015	Date of Analysis:- 26/05/2015

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	2			
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	7.11			
7	Total Hardness as CaCO ₃	Mg/l	200	600	20			
8	Calcium as Ca++	Mg/l	75	200	3.2			
9	Magnisium as Mg++	Mg/l	30	100	2.88			
10	Total Alkalinity as CaCO ₃	Mg/l	200	600	17			
11	Chloride as Cl	Mg/l	250	1000	16			
12	Nitrate as NO ₃	Mg/l	45	45	3.14			
13	Total Dissolved Solids	Mg/l	500	2000	75			
14	Iron	Mg/l	1.0	1.0	0.20			
15	Sulphate as SO ₄	Mg/l	200	400	4.16			
16	Fluoride as F	Mg/l	1.0	1.5	0.20			
17	Manganese as Mn	Mg/l	0.1	0.3	0.0			
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			

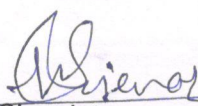
NOTES :- The figure indicated under the column "**Requirment (Desirable Limit)**" the limits unto which water is generally acceptable to the consumers. Figures in excess of those mentioned under "**Requirment (Desirable Limit)**" the water not acceptable , but still may be tolerated in the absence of an alternative and better source but upto the limits indicated under column "**Permisible Limit in the absence of alternet 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 Potable water.



Chemist

District Water Testing Laboratory

P.H.E. Sub.Dn.Indore

Distt. Indore



Assistant Engineer

P.H.E. Sub. Division

Public Health Engineering
Department Sub. Div. Indore

NO.

734

/lab/ A.E/ Phe.sub.Division Indore Date

02/06/15

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

No. 734 / Lab/A.E./P.H.E./ Sub.dvn/2025

Indore/ Date 02/06/25

//Certificate//

It is certified that an inspection by Mr. Virendra Singh Girmar
Chemist, District Water Testing Laboratory, P.H.E. Sub. division, Indore
Inspected the Asashas Salafa Vidya Niketan HR. Secondary
School, Moh Lines, Indore (M.P) on 26/05/2025 and on the basis of Water
Test Report bearing No. 10 dated 26/05/2025 of District Water
Testing (PHED Lab) Certified that the Asashas Salafa Vidya Niketan HR. Secondary
School, Moh Lines, 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**.

Virendra Singh Girmar
Chemist

District Water Testing Laboratory

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

Name- Virendra Singh Girmar

Designation- Chemist

Ac. Bley

Assistant Engineer

Public Health Engineering
Department Sub. Div. Indore
Sub. divisionn Indore

To,

Asashas Salafa Vidya Niketan
HR. Secondary School,
Moh Lines, Indore