



NAGAR PALIKA PARISHAD BHARWARI KAUSHAMBI

CHEMICAL ANALYSIS OF WATER

Test Report

Sl. No.	
1	Source of Sample: <u>Water / Arya Public School Nanyangpur Kaushambi</u>
2	Date of Sampling: <u>20/03/2025</u>
3	Date of Analysis: <u>20/03/2025</u>

Physico Chemical Parameter	BIS Limit is 10500 1991		Result of Test
	Requirement (Desirable Limit) mg/l	Permissible Limit in the absence of Airt source mg/l	
4 Total Dissolved solids	500	1500 2000	438
5 Free and saline Ammonia	NS	NS	NIL
6 Albuminoid ammonia	NS	NS	NIL
7 Dissolved Oxygen	min 5.0	NS	—
8 Hardness Total as CaCO ₃	300	600	289
(a) Temporary as CaCO ₃	NS	NS	144
(b) Permanent as CaCO ₃	NS	NS	144
9 Chlorine as Chlorides Cl	250	1000	90
10 Total Alkalinity as CaCO ₃	200	600	46
11 Nitrites as NO ₂	NS	NS	NIL
12 Nitrates as NO ₃	45	100	NIL
13 Iron as Fe	0.3	1.0	0.1
14 Fluoride as F	1.0	1.5	0.6
15 Colour Hazen Unit	5	25	Colourless
16 Taste	Agreeable		Not tasted
17 Odour	Unobjectionable		Colourless
18 pH Value	6.5 to 8.5	No reaction	7.2
19 Conductivity as μ mhos at 20°C	NS	NS	618
20 Turbidity NTU	5	10	1
21 Free Residual Chlorine	0.2	NS	NIL

NS=Not Specified

Remarks

potable

Chemist

Chief Chemist

Executive Officer

End No.

Dated: Kaushambi

20

Signature
Sd/- ...
...

Signature
Sd/- ...
...