

District / Sub Division Laboratory

Public Health Engineering Department Niwari

Report No. : 11/6132

ANALYSIS REPORT

Type Of Sample water analysis chemical test

PARTICULARS OF SENDER

PARTICULARS OF SAMPLE

Collected/ Not Collected by PHED

Sample No.

Place of Collection and details Of Sample

Date

1

BRIGHT CAREER CONVENT SCHOOL

12-06-024

PARTICULARS TO BE FILLED IN THE LABORATORY

Date of Receipt :- 12-06-024

Time Of Receipt : 12:00 PM

Lab Reference No.

Tested On : 12-06-024

NATURE OF STUDY - CHEMICAL & BACTERIOLOGICAL ANALYSIS

Characteristic	Unit.	As per BIS 10500:2012		Result				
		Requirement (Desirable)	Permissible Limit in the absence of Alternate Source	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
PHYSICAL	1	2	3	4				
1. Temperature	Oc	-----	-----	---	---	---	---	---
2. Turbidity	NTU	1.0	5.0	1.0	---	---	---	---
3. Colour	Hazen Units	5	15	---	---	---	---	---
4. Odour		Unobjectionable	Objectionable	---	---	---	---	---

CHEMICAL TESTS

5	pH	pH Scale	6.5 to 8.5	No Relaxation	7.8	---	---	---	---
6	Total Hardness as CaCO ₃	Mg/l	200	600	90	---	---	---	---
7	Calcium as Ca	Mg/l	75	200	---	---	---	---	---
8	Magnesium as Mg	Mg/l	30	100	---	---	---	---	---
9	Total Alkalinity as CaCO ₃	Mg/l	200	600	145	---	---	---	---
10	Chloride as Cl	Mg/l	250	1000	30	---	---	---	---
11	Nitrate as NO ₃	Mg/l	45	45	---	---	---	---	---
12	Total Dissolved Solids	Mg/l	500	2000	---	---	---	---	---
13	Iron as Fe	Mg/l	0.3	0.3	---	---	---	---	---
14	Sulphate as SO ₄	Mg/l	200	400	---	---	---	---	---
15	Fluoride as F	Mg/l	1.0	1.5	---	---	---	---	---
16	Manganese as Mn	Mg/l	0.1	0.3	---	---	---	---	---
17	Residual Chlorine as Cl ₂	Mg/l	0.2	1.0	---	---	---	---	---
18	Conductivity	U mhos/cm			---	---	---	---	---

BACTERIOLOGICAL TEST

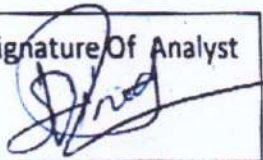
	Characteristic	Unit.	As per BIS 10500:2012		Result				
			Requirement (Desirable Limit)	Permissible limit in the absence of Alternate Source	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
19.	M.PN Of Coliform	Per100ml	NIL						
20.	Faecal Coliform (TTC)	Per100ml							

Notes :- The figures indicated under the column Requirement (Desirable Limit) the limits unto Which Water is the generally acceptable to the Consumers figures in excess to 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

In all water interded for drinking E Coli or thermo tolerant coli form bacteria must not be detectable in any 100ml sample Treated water entering in/in distribution system E-coli or thermo tolerant Coli or thermo tolerant coli form becteria and total coli form bacteria must not be detectable in any 100ml sample in case of large supplies, where sufficient sample are examined must not be present in 95% of sample taken through out any 12 monthe period.

This report should not be produced party or full with out approval of signatory authority for legal purpose the result refer only to tested samples are parameters tested.

This lab does not hold any responsibility for variation in result for sample kept on hold for want of clarification.

Signature Of Analyst


Remarks of Analyst

No. N/0132

To,

Principal
Bright. Correx Convent
School Prithvipur.


 Chief Engineer
 Public Health Engineering
 division Niwari (M.P.)