

SAFE DRINKING WATER AND SANITARY CONDITION CERTIFICATE

No. 296

Date : 12-05-2022

It is certified that an inspection team headed by **Dr. R.K. Mishra, Senior Chemist from NAGAR NIGAM, BHOPAL** inspected the **ST. BENEDICT ACADEMY, BANGRASIA BAGRODA ROAD, NEAR CRPF COLONY, BANGRASIA, BHOPAL-462045 (M.P.)** on 12.05.2022 and found that the **ST. BENEDICT ACADEMY, BANGRASIA BAGRODA ROAD, NEAR CRPF COLONY, BANGRASIA, BHOPAL-462045 (M.P.)** (Name & address of the School) has safe drinking water facilities for the students and members of staff of the institution and is maintaining the hygienic sanitation condition in the school building & the campus as per norms prescribed by the Central/ State/U.T. Govt.

The above valid for a period of 2022-23.

Signature with Seal
Name : **Dr. Rakesh Mishra**
Designation: Senior Chemist

To

**ST. BENEDICT ACADEMY,
BANGRASIA BAGRODA ROAD,
NEAR CRPF COLONY, BANGRASIA,
BHOPAL-462045 (M.P.)**

QUALITY CONTROL (WATER) LABORATORY
NAGAR NIGAM, Arera Hills, Bhopal. (M.P.) 462003

ANALYSIS REPORT

Kind of sample :- **Water Sample**

Particular of Sander:- **ST.Benedict Academy, Bangrasia Bagroda Road Near CRPF Colony Bangrasia Bhopal**

Ref-Q **DATE- 06.5.22**

PARTICULARS OF SAMPLE Not Collected by Nagar Nigam

Place of collection and details of sample		Date
1	ST.Benedict Academy Bangrasia Bagroda Road Water Sample	06.05.22
2		
3		
4		

PARTICULARS TO BE FILLED IN THE LABORATORY

Date of Receipt-**06.05.22** Lab. Reference No. _____ Tested On **06.05.22**


NATURE OF STUDY- CHEMICAL ANALYSIS

No.	Characteristics	Unit	As Per BIS-10500:2012 For Drinking Water		Results			
			Requirement (desirable limit)	Permissible limit in the absence of alternate source	Sample 1	Sample 2	Sample 3	Sample 4
PHYSICAL TEST								
1	Temperature	°C	-----	-----	30.2	-	-	-
2	Turbidity	NTU	1.0	5.0	0.9	-	-	-
3	Colour	Hazen Units	5.0	15	Nil	-	-	-
4	Odour		Agreeable	Agreeable	Nil	-	-	-
CHEMICAL TEST								
5	pH	pH Scale	6.5 to 8.5	6.5 to 8.5	7.60	-	-	-
6	Conductivity at 25 °C	M/ohms/ cm ²	-----	-----	-	-	-	-
7	Phenolphthalein alkalinity	Mg/l	-----	-----	-	-	-	-
8	Total Alkalinity as CaCO ₃	Mg/l	200	600	150	-	-	-
9	Chloride as Cl	Mg/l	250	1000	32	-	-	-
10	Nitrate as NO ₃	Mg/l	45	45	0.6	-	-	-
11	Total Hardness CaCO ₃	Mg/l	200	600	162	-	-	-
12	Calcium as Ca ⁺⁺	Mg/l	75	200	32	-	-	-
13	Magnesium as Mg ⁺⁺	Mg/l	30	100	12.24	-	-	-
14	Total Solids	Mg/l	500	2000	-	-	-	-
15	Total Dissolved Solids	Mg/l	500	2000	180	-	-	-
16	Sulphate as SO ₄	Mg/l	200	400	24	-	-	-
17	Iron as Fe	Mg/l	0.3	1.0	0.04	-	-	-
18	Dissolved oxygen as O ₂	Mg/l	-----	-----	-	-	-	-
19	Residual chlorine as Cl ₂	PPM	0.2	1.0	-	-	-	-

NATURE OF STUDY- BACTERIOLOGICAL ANALYSIS

20	MPN Of Coliform	Per 100 ml	Nil (for treated water or water in distribution system)	-	-	-	-
21	Faecal Coliform (TTC)	Per 100 ml	NIL	Nil	-	-	-

NOTE:- It is recommended that acceptable limit is to be implemented values in excess of those mentioned under "acceptable" render the water not suitable, but still may be tolerated in the absence of an alternative source but up to the limits indicated under the "permissible limit in the absence of alternate source" in column 4, above which the source will have to be rejected.


IN CHARGE
 SMGD FILTER PLANT LABORATORY
 NAGAR NIGAM, Bhopal (M.P.) 462003
5 MAY 2022
Nagar Nigam Bhopal