

PERFOMA REGADING SAFE DRINKING WATER AND SANITARY**CONDITION CERTIFICATE**

L 146 / Sam / 2025

Date 16/05/2025

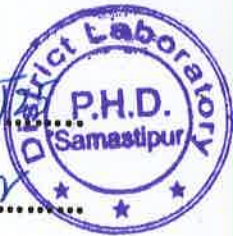
It is Certified that an Inspection team headed by **Amit Kumar, Distric Chemist, P.H.E.D Samastipur**(Name of Officers with designation) from **PUBLIC HEALTH DIVISION, Samastipur**(Name of department/Officer) inspected the **Holy Mission High School, Mohanpur Ward No 43 Samastipur**(Name & Address of the school) on 08.05.2025 and found that the school Holy Mission High School (Name of 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 the norms prescribed by the Central/state/U.T.Govt

The above valid or a period of:- Three Month

Signature with seal: 16/05/25

Name: Amit Kumar

Designation: Chemist



To,

Principal Holy Mission High School,
Mohanpur Ward No 43, Samastipur
(Name & Address for the institution)

DISTRICT LEVEL WATER QUALITY TESTING LABORATORY (DLWQTL) SAMASTIPUR.

Public Health Engineering Department, Government of Bihar

DRINKING WATER QUALITY TEST CERTIFICATE

Name of District: Samastipur

Sample Collected By: Not Collected by us

Sampling Date: 09.05.2025

Name of Person/Organization: Holy Mission
High School

Source Of Sample ;R.O

Sample 113/Sam/May/2025

Sample Reciving Date: 09.05.2025

Location:	Holy Mission High School, Mohanpur, Ward No-43, Samastipur.
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PHYSICO-CHEMICAL & BACTERIOLOGICAL TEST REPORT

Sl. No.	Parameters	Desirable Limit*	Permissible Limit* in absence of alternate source	Method of Testing Parameters	Results
1	pH Value	6.5-8.5	No relaxation	pH meter	7.03
2	Turbidity, NTU, Max	5	10	Nephelometric	1
3	Conductivity, $\mu\text{mho/cm}$	-	-	Conductivity meter	215
4	Total Dissolved Solid, mg/l, Max.	500	2000	Conductivity meter	140
5	Total Hardness (as CaCO_3), mg/l, Max	300	600	EDTA method	120
6	Calcium (as Ca), mg/l, Max	75	200	EDTA method	15
7	Magnesium (as Mg), mg/l, Max	30	100	EDTA method	11
8	Chloride (as Cl), mg/l, Max.	250	1000	Titration	18.00
9	Alkalinity (as CaCO_3), mg/l, Max.	200	600	Titration	130
10	Iron (as Fe), mg/l, Max.	0.3	1	Phenonthroline	0.29
11	Nitrate (as NO_3), mg/l, Max.	45	No relaxation	UV-method	0.13
12	Sulphate (as SO_4), mg/l, Max.	200	400	Turbidimetric	18.00
13	Fluoride (as F), mg/l, Max.	1	1.5	SPANDS	0.1
14	Arsenic (as As), mg/l, Max.	0.01	0.05	SDDC	BDL
15	Coliform Organisms, MPN/100ml	**	**	H_2S Vials	-ve

Note:- Fit for Drinking Purpose as Above Parameters.

Note: *(1) Drinking Water Specification First Revision -IS:10500:1991, Edition 2.2(2003-09)(Reaffirmed 1993), (2) BDL = Below Detection Limit, (3) Testing Methods are taken by APHA 20th Edition. (4) NR = No Relaxation, (5) ND = Not Done.

** (a) Throughout any year, 95% of the samples should not contain coliform organisms in 100ml, (b) No sample should contain more than 10 coliform organisms per 100ml,

(c) Coliform organisms should not be detected in 100ml of any two consecutive samples.

Copy forwarded for information to: (i) Consultant Water Quality Cell, PHED, Govt. of Bihar, (ii) Director, Water Quality Cell, PHED, Govt. of Bihar, (iii) Engineer-in-Chief cum Special Secretary, PHED, Govt. of Bihar

