

DISTRICT LEVEL WATER QUALITY TESTING LABORATORY (DLWQTL) SAMASTIPUR.

Public Health Engineering Department, Government of Bihar

DRINKING WATER QUALITY TEST CERTIFICATE

Name of District: Samastipur

Sampling Date: 16.06.2025

Sample 259/Khai/June/2025

Name of Person/Organization:
Gyansthal International School

Sample Collected By: Not Collected by us

Source of Sample Boring
Sample Receiving Date: 16.06.2025

Location:	Gyansthal International School, Khairi, Khanpur, 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	7.02
2	Turbidity, NTU, Max	5	10	Nephelometric	1
3	Conductivity, $\mu\text{mho/cm}$	-	-	Conductivity meter	319
4	Total Dissolved Solid, mg/l, Max.	500	2000	Conductivity meter	211
5	Total Hardness (as CaCO_3), mg/l, Max	300	600	EDTA method	155
6	Calcium (as Ca), mg/l, Max	75	200	EDTA method	45
7	Magnesium (as Mg), mg/l, Max	30	100	EDTA method	18
8	Chloride (as Cl), mg/l, Max.	250	1000	Titration	14.00
9	Alkalinity (as CaCO_3), mg/l, Max.	200	600	Titration	163
10	Iron (as Fe), mg/l, Max.	0.3	1	Phenanthroline	0.29
11	Nitrate (as NO_3), mg/l, Max.	45	No relaxation	UV-method	0.12
12	Sulphate (as SO_4), mg/l, Max.	200	400	Turbidimetric	15.00
13	Fluoride (as F), mg/l, Max.	1	1.5	SPANDS	0.09
14	Arsenic (as As), mg/l, Max.	0.01	0.05	SDDC	BDL
15	Coliform Organisms, MPN/100ml	**	**	H_2S Vials	-ve

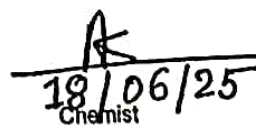
Note:- Fit for Drinking Purpose as Above Parameters.

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.

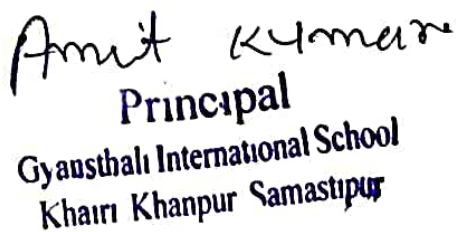
(c) Coliform organisms should not be detected in 100ml of any two consecutive samples.

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


18/06/25
Chemist

P.H. Division, Samastipur


MANAGER
GYANSTHAL INTERNATIONAL SCHOOL
KHAIRI, KHANPUR, SAMASTIPUR


Principal
Gyansthal International School
Khairi Khanpur Samastipur

PERFOMA REGARDING SAFE DRINKING WATER AND SANITARY

CONDITION CERTIFICATE

L.332../Sam/2025

Date..20/06/2025

It is Certified that an Inspection team headed by Amit Kumar, Research Assistant, P.H.E.D Samastipur (Name of Officers with designation) from Public Health Division, Samastipur (Name of department/Officer) inspected the Gyansthali International School, Khairi, Khanpur, Samastipur (Name & Address of the school) on 14.06.2025 and found that the school Gyansthali International 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:

Name: Amit Kumar

Designation: Research Assistant



To,

"Principal"

Gyansthali International school,
Khairi, Khanpur, Samastipur
(Name & Address for the institution)

Rishikesh Pujari
MANAGER
GYANSTHALI INTERNATIONAL SCHOOL
KHAIRI, KHANPUR, SAMASTIPUR

Amit Kumar
Principal
Gyansthali International School
Khairi Khanpur Samastipur