

**District Water Testing Laboratory**

Public Health Engineering Department, Division Kabirdham Chhattisgarh
Near Rajmahal Chowk PHE Campus, Phone-07741-233131 Fax-07741-232167
e-mail- dwtlaboratorykwdphedcg@gmail.com

Certificate no. TC-9651		ISO/IEC/17025-2017 (NABL Accredited Laboratory)				
Test Report						
Report no. DL/PHED/KWD-	53	Discipline- Chemical Testing		Group- Drinking Water	URL No.TC96512300000	0053 F
Senders name ,address & contact details -	Sender letter no & date		24/05/2023	Sampled by	Mahendra Ku . Dhirth Lohra	
The Holy Kingdom School, Mo- 7898765112	Sample Collection date		24/05/2023	Sampling plan & Date	Sampling not done by Lab	
	DL receipt no.		53	DL Receipt date	24/05/2023	
	Date of analysis started		24/05/2023	Date of analysis Completed	24/05/2023	

Sample Details						
S. N.	Sample I.D.	District/Block	Panchyat	City / Village	Habitation	Source ID /Location /GPS identification
1	408	Bodla	Lalpurkala	Lalpurkala	-	The Holy Kingdom School (Tubewell)
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-

Details of parameters their test method										
S. N.	Parameters	Test method IS:3025/APHA 23 rd ed.		Unit	As per IS-10500-2012 drinking water		Result of S.No.			
		Method	Part no.		Acceptable Limit	Permissible Limit	1	-	-	-
1	2	3	4	5	6	7				
1	Turbidity	APHA 23 rd ed (2017)	2130-Turb.-B	NTU	1.0	5.0	01.4	-	-	-
2	Chloride	APHA 23 rd ed (2017)	4500- Cl ⁻ B	mg/l	250	1000	19.86	-	-	-
3	Total Dissolved Solids 180 °C	APHA 23 rd ed (2017)	2540- TDS-C	mg/l	500	2000	247	-	-	-
4	Total Alkalinity as CaCO3	APHA 23 rd ed (2017)	2320- CaCO3 -B	mg/l	200	400	148.34	-	-	-
5	Calcium as Ca	APHA 23 rd ed (2017)	3500- Ca ⁺⁺ -B	mg/l	75	200	35.93	-	-	-
6	Magnesium as mg	APHA 23 rd ed (2017)	3500- mg ⁺⁺ B	mg/l	30	100	18.88	-	-	-
7	pH 25°C	APHA 23 rd ed (2017)	4500-H+B	pH Scale	6.5-8.5	6.5-8.5	7.27	-	-	-
8	Total Hardness as CaCO3	APHA 23 rd ed (2017)	2340- H-C	mg/l	200	400	167.33	-	-	-
9	Colour	APHA 23 rd ed (2017)	2120- Col-B	HU	5	15	1	-	-	-
10	Odour	IS:3025 (R-2018)	Part-5	--	Agreeable	Agreeable	A	-	-	-
11	Taste	IS:3025 (R-2017)	Part-8	--	Agreeable	Agreeable	-	-	-	-

- The report should not be produced partly or full without approval of signatory authority of legal purposes.
- The results refer only to tested samples and parameters tested.
- In the report (A- Agreeable) and (NA-Not Agreeable)
- Samples will be stored for a period of 10 day from date of issue of report.
- This lab does not hold any responsibility for variation in results for samples kept on hold for want of clarification.
- Results apply to the sample as received.
- Sampling not done by Lab Staff.
- The Laboratory does not give interpretation on Test result: Passed/ Failed.

Checked By

(Gulshan Prasad Sharma)

Authorized Signatory (NABL)

Chemist & Q. Mg. DWTL PHED Kabirdham C.G.

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====End Of Report==

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Details of parameters their test method

S. N.	Parameters	Test method IS:3025/APHA 23 rd ed.		Unit	As per IS-10500-2012 drinking water		Result of S.No.				
		Method	Part no.		Accept able Limit	Permissible Limit	1	-	-	-	-
1	2	3	4	5	6	7					
1	Iron	APHA 23 rd ed (2017)	3500-Fe-B	mg/l	0.3	1.0	0.15	-	-	-	-
2	Nitrate	APHA 23 rd ed (2017)	4500-NO3 ⁻ B	mg/l	45	45	0.13	-	-	-	-
3	Fluoride	APHA 23 rd ed (2017)	4500-F ⁻ C	mg/l	1.0	1.5	0.03	-	-	-	-
4	Maganess as Mn	APHA 23 rd ed (2017)	3500- Mn+B	mg/l	0.1	0.3	0.10	-	-	-	-
5	Sulphate as SO ₄	IS:3025 (R-2019)	Part-24	mg/l	200	400	26.27	-	-	-	-
6	Specific Conductivity 25°C	IS:3025 (R-2019)	Part-14	µmhos/cm	--	--	384	-	-	-	-
7	Total Arsenic (by Kit)	-	-	mg/l	0.01	0.05	-	-	-	-	-
8	Residual Chlorine (by Kit)	-	-	mg/l	0.2	1.0	-	-	-	-	-
9	Total Coliform per 100 ml (For Treated water & Distribution System)	APHA 23 rd ed (2017)	9222B	24 Hrs	Nil	Nil	Nil	-	-	-	-
				48 Hrs	Nil	Nil	Nil	-	-	-	-
10	Faecal Coliform / Thermotolerant coliform per 100 ml	APHA 23 rd ed (2017)	9222D	24 Hrs	Nil	Nil	Nil	-	-	-	-

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Checked By

(Gulshan Prasad Sharma)

Chemist

District Water Testing Laboratory
PHED Kabirdham C.G.

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====End Of Report====

PROFORMA FOR SAFE DRINKING WATER AND SANITARY CONDITION CERTIFICATE

No. 3960

Dated: 26/05/2023

It Is Certified That An Inspection Team Headed By G. P. Thakur Assistant Engineer (Name Of Officers With Designation) From Public Health Engineering Sub Division Bodla (Name Of Department/ Office) Inspected the The Holy Kingdom English Higher Secondary School, Taro, Lalpurkala, Behind Govt. ITI, Sarodha Road, Kawardha . (Name & Address Of The School) On 26.05.2023 (Date Of Inspection) and Found that the The Holy Kingdom English Higher Secondary School, Taro, Lalpurkala, Behind Govt. ITI, Sarodha Road, Kawardha (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 for a period of One Year w.e.f 25.05.2024

Signature with Seal:-.....

Name : G.P. Thakur

Designation : Assistant Engineer

Assistant Engineer
PHE- Sub Dn.-Bodla (Kabirdham)

To,

The Principal,
The Holy Kingdom English
Higher Secondary School,
Taro, Lalpur Kala, Behind Govt.
ITI, Sarodha Road, Kawardha.

(Name & Address of the Institution)

c/s
Executive Engineer
Public Health Engineering
Distt-Kabirdham (C.G.)