



District Water Testing Laboratory
Public Health Engineering Department, Div. Raigarh
 Near PHE, Central Store Campus, Chakradhar Nagar Raigarh C.G.
 e-mail:- phedrghlab1990@gmail.com



Test Report (Drinking Water)

TC-13241

Report no. DL/PHED/RGH. – 236	Discipline:- Chemical Testing	Group:- Drinking Water	ULR no. -: TC13241240000000002F	
Senders Name :- Principal St. Xavier's School Chantipali, Baramkela, Dist Sarangarh Bilaigarh	Senders letter no./Date	Nil/24.04.2024	Sampled by	By Client
	Sample collection date	24.04.2024	Sampling Plan & procedure	Sampling is Not done by laboratory staff
	DL receipt no.	Nil	DL Receipt date	24.04.2024
	Date of analysis started	24.04.2024	Date of analysis completed	25.04.2024

Sample Details

S No.	Sample ID	District/Block	Panchayat/Village	Habitation	Location/Source ID/GPS Identification
1	DL/RGH/24/1102	Sarangarh Bilaigarh/ Baramkela	Chantipali	-	Drinking Water, ST. Xavier's School

Details of parameters their test method units and specification as per IS:3025/APHA

S. No.	Parameters	Test method IS:3025/APHA 24rd ed.		unit	As per IS-10500-2012(Second Rev) for drinking water		Results				
		method	Part no.		Acceptable Limit	Permissible Limit	1	2	3	4	5
1	2	3	4	5	6	7					
1*	Colour	APHA24rd ed	2120-B	Hazen	5	15	2				
2*	Odour	IS:3025	Part 5	-	Agreable	Agreable	Agr.				
3*	TDS (Total Dissolved Solids)	APHA24rd ed	Part-2540-C	mg/L	500	2000	435				
4*	Chloride as Cl-	APHA24rd ed	Part-4500-Cl-B	mg/L	250	1000	140.53				
5*	Alkalinity as CaCO3	APHA24rd ed	Part-3220- B	mg/L	200	600	79.6				
6*	Total Hardness as CaCO3	APHA24rd ed	Part-2340- C	mg/L	200	600	325.8				
7*	Calcium as Ca2+	APHA24rd ed	3500- Ca- B	mg/L	75	200	85.13				
8*	Magnesium as Mg2+	APHA24rd ed	3500- Mg-B	mg/L	30	100	27.56				
9*	pH	IS:3025	Part-11	pH Scale	6.5-8.5	No Relaxation	7.04				
10*	Turbidity	IS:3025	Part-10	NTU	1	5	1.2				

- The report should not be produced partly or full without approval signatory authority of legal purpose.
 - The results refer only to tested samples and parameters.
 - Samples will be stored for a period of 10 days from date of issue of report.
 - This Lab does not hold any responsibility for variation in results for samples kept on hold for wants of clarification.
- Remarks - 1. Results apply to the sample as received.
 2. Sampling not done by Lab staff.

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(Raju George)
 Authorized Signatory

****End Of Report****



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	DL receipt no.	Nil	DL Receipt date	24.04.2024
	Date of analysis started	24.04.2024	Date of analysis completed	26.04.2024

Sample Details

S No.	Sample ID	District/Block	Panchayat/Village	Habitation	Location/Source ID/GPS Identification
1	DL/RGH/24/1102	Sarangarh Bilaigarh/ Baramkela	Chantipali	-	Drinking Water, ST. Xavier's School

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1	2	3	4	5	6	7					
1*	Iron	APHA24rd ed	3500-Fe-B	mg/l.	0.3	01	0.18				
2*	Nitrates	APHA24rd ed	4500-NO ₃ ⁻ B	mg/l.	45	45	-				
3*	Fluoride	APHA24rd ed	4500-F- C	mg/l.	1.0	1.5	0.56				
4*	Sulphate	APHA24rd ed	IS:3025	mg/l.	200	400	-				
5*	Conductivity	IS:3025	Part- 14	µmho/cm	-	-	677				
6*	Total Coliform	-	-	CFU/100ml	Nil	Nil	0				
7*	Residual Chlorin	-	-	mg/l.	0.2	1	-				
8*	Taste	IS:3025	Part- 8	-	Agreable	Agreable	Agr.				


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Chemist / Lab Incharge
District Water Testing Laboratory
P.H.E.D. Raigarh C.G


Lab Assistant
District Water Testing Laboratory
P.H.E.D. Raigarh C.G

****End Of Report****