



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. – 386	Discipline:- Chemical Testing	Group:- Drinking Water	ULR no. -: TC1324124000000122F	
Senders Name :- Principal O.P. Jindal School Urjanagar, Tamnar	Senders letter no./Date	Nil/06.06.2024	Sampled by	By Client
	Sample collection date	06.06.2024	Sampling Plan & procedure	Sampling is Not done by laboratory staff
	DL receipt no.	90	DL Receipt date	06.06.2024
	Date of analysis started	06.06.2024	Date of analysis completed	06.06.2024

Sample Details

S No.	Sample ID	District/Block	Panchayat/Village	Habitation	Location/Source ID/GPS Identification
1	DL/RGH-24/1623	Raigarh/Tamnar	Tamnar/Urjanagar	Urjanagar	Drinking Water, O.P. Jindal School

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

S. No.	Parameters	Test method IS:3025/APHA 24th 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	APHA24th ed	2120-B	Hazen	5	15	2				
2	Odour	IS:3025	Part 5	-	Agreable	Agreable	Agr.				
3	TDS (Total Dissolved Solids)	APHA24th ed	Part-2540-C	mg/l.	500	2000	135				
4	Chloride as Cl-	APHA24th ed	Part-4500-Cl-B	mg/l.	250	1000	23.52				
5	Alkalinity as CaCO3	APHA24th ed	Part-3220- B	mg/l.	200	600	106.06				
6	Total Hardness as CaCO3	APHA24th ed	Part-2340- C	mg/l.	200	600	114.69				
7	Calcium as Ca2+	APHA24th ed	3500- Ca- B	mg/l.	75	200	24.62				
8	Magnesium as Mg2+	APHA24th ed	3500- Mg-B	mg/l.	30	100	12.94				
9	pH	IS:3025	Part-11	pH Scale	6.5-8.5	No Relaxation	7.09				
10	Turbidity	IS:3025	Part-10	NTU	1	5	2.3				

- 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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Public Health Engineering Department, Div. Raigarh
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Test Report (Drinking Water)

Report no. DL/PHED/RGH. – 386	Discipline:- Chemical Testing	Group:- Drinking Water		
Senders Name :- Principal O.P. Jindal School Urjanagar, Tamnar	Senders letter no./Date	Nil/06.06.2024	Sampled by	By Client
	Sample collection date	06.06.2024	Sampling Plan & procedure	Sampling is Not done by laboratory staff
	DL receipt no.	90	DL Receipt date	06.06.2024
	Date of analysis started	06.06.2024	Date of analysis completed	07.06.2024

Sample Details


S No.	Sample ID	District/Block	Panchayat/Village	Habitation	Location/Source ID/GPS Identification
1	DL/RGH-24/1623	Raigarh/Tamnar	Tamnar/Urjanagar	Urjanagar	Drinking Water, O.P. Jindal School


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

S. No.	Parameters	Test method IS:3025/APHA 24th 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	Iron	APHA24th ed	3500-Fe-B	mg/l.	0.3	01	0.21				
2	Nitrates	APHA24th ed	4500-NO ₃ ⁻ B	mg/l.	45	45	-				
3	Fluoride	APHA24th ed	4500-F ⁻ C	mg/l.	1.0	1.5	0.54				
4	Sulphate	APHA24th ed	IS:3025	mg/l.	200	400	-				
5	Conductivity	IS:3025	Part- 14	µmho/cm	-	-	241				
6	Total Coliform	-	-	CFU/100ml	Nil	Nil	0 (24 Hours)				
7	Residual Chlorin	-	-	mg/l.	0.2	1	-				
8	Taste	IS:3025	Part- 8	-	Agreeable	Agreeable	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****