



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. – 17	Discipline-: Chemical Testing	Group-: Drinking Water	ULR no. -: TC132412500000000016F	
<u>Senders Name :-</u> Principal O.P.Jindal School Raigarh (C.G.)	Senders letter no./Date	Nil/ 21.02.2025	Sampled by	By Official
	Sample collection date	21.02.2025	Sampling Plan & procedure	Sampling is not done by laboratory staff
	DL receipt no.	32	DL Receipt date	21.02.2025
	Date of analysis started	21.02.2025	Date of analysis completed	22.02.2025

Sample Details

S No.	Sample ID	District/Block	Panchayat/Village	Habitation	Location/Source ID/GPS Identification
1	DL/RGH- 25/65	Raigarh	Raigarh	-	Campus Of Auditorium O.P.Jindal School
2	DL/RGH- 25/66	Raigarh	Raigarh	-	Campus Of G - Block O.P.Jindal School
3	DL/RGH- 25/67	Raigarh	Raigarh	-	Campus Of F - Block 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	APHA 24th ed	2120-B	Hazen	5	15	2	2	2		
2	Odour	IS:3025	Part 5	-	Agreeable	Agreeable	Agr.	Agr.	Agr.		
3	TDS (Total Dissolved Solids)	APHA 24th ed	Part-2540-C	mg/L	500	2000	185	170	196		
4	Chloride as Cl-	APHA 24th ed	Part-4500-Cl-B	mg/L	250	1000	19.68	21.65	16.73		
5	Alkalinity as CaCO ₃	APHA 24th ed	Part-3220- B	mg/L	200	600	102.5	98.5	84.04		
6	Total Hardness as CaCO ₃	APHA 24th ed	Part-2340- C	mg/L	200	600	130.52	128.51	114.46		
7	Calcium as Ca ²⁺	APHA 24th ed	3500- Ca- B	mg/L	75	200	32.19	31.39	29.78		
8	Magnesium as Mg ²⁺	APHA 24th ed	3500- Mg-B	mg/L	30	100	12.2	12.2	9.76		
9	Ph	IS:3025	Part-11	pH Scale	6.5-8.5	No Relaxation	7.73	7.5	7.13		
10	Turbidity	IS:3025	Part-10	NTU	1	5	2.1	2.8	0.58		

- 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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Tested by :- Vikas Singh

(Raju George)
Authorized Signatory

End Of Report



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3	DL/RGH- 25/67	Raigarh	Raigarh	-	Campus Of F - Block O.P.Jindal School


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		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	0.19	0.21	0.13		
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	0.39	0.41	0.31		
4	Sulphate	APHA24th ed	IS:3025	mg/l.	200	400	-	-	-		
5	Conductivity	IS:3025	Part- 14	µmho/cm	-	-	246	230	196		
6	Total Coliform	-	-	CFU/100ml	Nil	Nil	00 (24 Hours)	00 (24 Hours)	00 (24 Hours)		
7	Residual Chlorin	-	-	mg/l.	0.2	1	-	-	-		
8	Taste	IS:3025	Part- 8	-	Agreeable	Agreeable	Agr.	Agr.	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