



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)

Report no. DL/PHED/RGH - 220	Discipline:- Chemical & Physical Testing	Group:- Drinking Water		
Senders Name :- PRINCIPAL Aryan World School Khairpur, Raigarh (C.G.)	Senders letter no./Date	Nil/08.05.2026	Sampled by	By Client
	Sample collection date	08.05.2026	Sampling Plan & procedure	Sampling is Not done by laboratory staff
	DL receipt no.	163	DL Receipt date	08.05.2026
	Date of analysis started	08.05.2026	Date of analysis completed	08.05.2026

Sample Details

S No.	Sample ID	District/Block	Panchayat/Village	Habitation	Location/Source ID/GPS Identification
1	DL/RGH-26/512	Raigarh	Khaipur	-	Aryan World School Khairpur Drinking Water

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	I				
1	2	3	4	5	6	7					
1	Colour	APHA24th ed	2120-B	Hazen	5	15	2				
2	Odour	IS:3025	Part 5	-	Agreeable	Agreeable	Agr.				
3	TDS (Total Dissolved Solids)	APHA24th ed	Part-2540-C	mg/L	500	2000	435				
4	Chloride as Cl-	APHA24th ed	Part-4500-Cl-B	mg/L	250	1000	40.61				
5	Alkalinity as CaCO ₃	APHA24th ed	Part-3220-B	mg/L	200	600	242.88				
6	Total Hardness as CaCO ₃	APHA24th ed	Part-2340-C	mg/L	200	600	364.32				
7	Calcium as Ca ²⁺	APHA24th ed	3500- Ca- B	mg/L	75	200	120.87				
8	Magnesium as Mg ²⁺	APHA24th ed	3500- Mg-B	mg/L	30	100	15.25				
9	pH	IS:3025	Part-11	pH Scale	6.5-8.5	No Relaxation	7.66				
10	Turbidity	IS:3025	Part-10	NTU	1	5	2.21				
11	Conductivity	IS:3025	Part- 14	µmho/cm	-	-	644				
12	Taste	IS:3025	Part- 8	-	Agreeable	Agreeable	Agr.				

1. The report should not be produced partly or full without approval signatory authority of legal purpose.
2. The results refer only to tested samples and parameters.
3. Samples will be stored for a period of 10 days from date of issue of report.
4. 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


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

****End Of Report****