



District Water Testing Laboratory
Public Health Engineering Department, Div. Raigarh
Near PHE, Central Store Campus, Chakradhar Nagar Raigarh C.G.

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Test Report (Drinking Water)

Report no. DL/PHED/RGH. – 399	Discipline:- Chemical Testing	Group:- Drinking Water		
Senders Name :- Principal Shree Swaminarayan Gurukul International School, NTPC Lara, Raigarh (C.G.)	Senders letter no./Date	74/10.10.2025	Sampled by	By Client
	Sample collection date	10.10.2025	Sampling Plan & procedure	Sampling is Not done by laboratory staff
	DL receipt no.	271	DL Receipt date	10.10.2025
	Date of analysis started	10.10.2025	Date of analysis completed	11.10.2025

Sample Details

S No.	Sample ID	District/Block	Panchayat/Village	Habitation	Location/Source ID/GPS Identification
1	DL/RGH-25/1301	Raigarh/Pusour	Lara	-	Campus Of Shree Swaminarayan Gurukul International School, NTPC Lara

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	-	Agreeable	Agreeable	Agr.				
3	TDS (Total Dissolved Solids)	APHA24th ed	Part-2540-C	mg/L	500	2000	240				
4	Chloride as Cl-	APHA24th ed	Part-4500-Cl-B	mg/L	250	1000	21.43				
5	Alkalinity as CaCO ₃	APHA24th ed	Part-3220- B	mg/L	200	600	98.93				
6	Total Hardness as CaCO ₃	APHA24th ed	Part-2340- C	mg/L	200	600	168.67				
7	Calcium as Ca ²⁺	APHA24th ed	3500- Ca- B	mg/L	75	200	43.46				
8	Magnesium as Mg ²⁺	APHA24th ed	3500- Mg-B	mg/L	30	100	14.64				
9	pH	IS:3025	Part-11	pH Scale	6.5-8.5	No Relaxation	7.73				
10	Turbidity	IS:3025	Part-10	NTU	1	5	2.72				

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.

Issue no./date. 399/13.10.2025 Page no.01/01

Tested by :- Khomnath Sahu

Authorized Signatory
District Water Testing Laboratory
P.H.E.D. Raigarh C.G

****End Of Report****