



**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. - 256	Discipline-: Chemical Testing	Group-: Drinking Water	ULR no. -: TC1324125000000251F	
<b>Senders Name :-</b> Principal Little Angel Public School Tadola , Pusour, Raigarh (C.G.)	Senders letter no./Date	Nil/01.07.2025	Sampled by	By Client
	Sample collection date	01.07.2025	Sampling Plan & procedure	Sampling is not done by laboratory staff
	DL receipt no.	135	DL Receipt date	01.07.2025
	Date of analysis started	01.07.2025	Date of analysis completed	02.07.2025

**Sample Details**

S No.	Sample ID	District/Block	Panchayat/Village	Habitation	Location/Source ID/GPS Identification
1	DL/RGH-25/994	Raigarh/ Pusour	Tadola	-	Compus Of Little Angel Public School Tadola

**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	120				
4	Chloride as Cl-	APHA24th ed	Part-4500-Cl-B	mg/L	250	1000	16.56				
5	Alkalinity as CaCO <sub>3</sub>	APHA24th ed	Part-3220- B	mg/L	200	600	58.23				
6	Total Hardness as CaCO <sub>3</sub>	APHA24th ed	Part-2340- C	mg/L	200	600	68.27				
7	Calcium as Ca <sup>2+</sup>	APHA24th ed	3500- Ca- B	mg/L	75	200	20.92				
8	Magnesium as Mg <sup>2+</sup>	APHA24th ed	3500- Mg-B	mg/L	30	100	3.90				
9	pH	IS:3025	Part-11	pH Scale	6.5-8.5	No Relaxation	6.68				
10	Turbidity	IS:3025	Part-10	NTU	1	5	1.26				

- 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 :- Khomnath Sahu

(Raju George)  
Authorized Signatory

\*\*\*\*End Of Report\*\*\*\*



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1	2	3	4	5	6	7					
1	Iron	APHA24th ed	3500-Fe-B	mg/L	0.3	01	0.11				
2	Nitrates	APHA24th ed	4500-NO <sub>3</sub> -B	mg/L	45	45	-				
3	Fluoride	APHA24th ed	4500-F- C	mg/L	1.0	1.5	0.36				
4	Sulphate	APHA24th ed	IS:3025	mg/L	200	400	-				
5	Conductivity	IS:3025	Part- 14	µmho/cm	-	-	231				
6	Total Coliform	-	-	CFU/100ml	Nil	Nil	00 (24 Hours)				
7	Residual Chlorin	-	-	mg/L	0.2	1	-				
8	Test	IS:3025	Part- 8	-	Agreeable	Agreeable	Agr.				

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Issue no./date, 256/03.07.2025

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\*\*\*\*