



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. - 159	Discipline:- Chemical Testing	Group:- Drinking Water		
Senders Name :- PRINCIPAL Sadhu Ram Vidya Mandir Kosamnara Raigarh (C.G.)	Senders letter no./Date	058/06.04.2026	Sampled by	By Client
	Sample collection date	06.04.2026	Sampling Plan & procedure	Sampling is Not done by laboratory staff
	DL receipt no.	117	DL Receipt date	06.04.2026
	Date of analysis started	06.04.2026	Date of analysis completed	07.04.2026

Sample Details

S No.	Sample ID	District/Block	Panchayat/Village	Habitation	Location/Source ID/GPS Identification
1	DL/RGH-25/394	Raigarh	Kosamnara	Nandeli Road	Sadhu Ram Vidya Mandir Drinkink 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	1			
1	2	3	4	5	6	7				
1	Iron	APHA24th ed	3500-Fe-B	mg/l	0.3	01	0.19			
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	0.34			
4	Sulphate	APHA24th ed	IS:3025	mg/l	200	400	-			
5	Conductivity	IS:3025	Part- 14	µmho/cm	-	-	516			
6	Total Coliform	-	-	CFU/100ml	Nil	Nil	00 (24 Hours)			
7	Residual Chlorin	-	-	mg/l	0.2	1	-			
8	Taste	IS:3025	Part- 8	-	Agreable	Agreable	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.

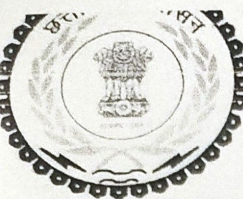
Issue no./date. 159/08.04.2026

(Signature)
Manager
Sadhu Ram Vidya Mandir
Raigarh (C.G.)

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

(Signature)
Lab Assistant
District Water Testing Laboratory
P.H.E.D. Raigarh C.G

(Signature)
Principal
Sadhu Ram Vidya Mandir
Raigarh (C.G.)



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		method	Part no.		Acceptable Limit	Permissible Limit	1			
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	310			
4	Chloride as Cl-	APHA24th ed	Part-4500-Cl-B	mg/l.	250	1000	26.22			
5	Alkalinity as CaCO ₃	APHA24th ed	Part-3220- B	mg/l.	200	600	307.39			
6	Total Hardness as CaCO ₃	APHA24th ed	Part-2340- C	mg/l.	200	600	253.95			
7	Calcium as Ca ²⁺	APHA24th ed	3500- Ca- B	mg/l.	75	200	57.46			
8	Magnesium as Mg ²⁺	APHA24th ed	3500- Mg-B	mg/l.	30	100	26.87			
9	pH	IS:3025	Part-11	pH Scale	6.5-8.5	No Relaxation	7.47			
10	Turbidity	IS:3025	Part-10	NTU	1	5	1.02			

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Tested by :- Vikas Singh

Manager
Sadhu Ram Vidya Mandir
Raigarh (C.G.)

****End Of Report****

Authorized Signatory
District Water Testing Laboratory
P.H.E.D. Raigarh C.G.
Principal
Sadhu Ram Vidya Mandir
Raigarh (C.G.)