

कार्यालय कार्यपालन अभियंता
लोक स्वास्थ्य यांत्रिकी खंड, राजेन्द्र पार्क चौक, दुर्ग (छ.ग.)

दूरभाष क्र. 0788-2323633,

E-mail:eedurg-phe-cg@nic.in

क्रमांक 954 / लेब. / का.अ. / लो.स्वा.यां.खंड / 2026

दुर्ग, दिनांक-
17/3/2026

प्रति,

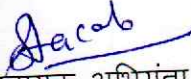

Principal
A.K. Goyal Public School
Patan, Durg (C.G.)

विषय:- जल परीक्षण रिपोर्ट भेजने बाबत।
संदर्भ:- आपका पत्र क्र.1197 / दिनांक 13.03.2026

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उपरोक्त विषयांतर्गत लेख है कि आपके द्वारा जमा किया गया A.K. Goyal Public School Patan, Durg (C.G.) का जल नमूना का रासायनिक परीक्षण उपरांत रिपोर्ट आपकी ओर प्रेषित है।

सहपत्र- 01 नग रिपोर्ट ।


सहायक अभियंता
कार्यालय- कार्यपालन अभियंता
लोक स्वास्थ्य यांत्रिकी खण्ड दुर्ग (छ.ग.)




District Water Testing Laboratory
Public Health Engineering Division Durg Chhattisgarh

Format Id- DL/PHED/DRG/F/4.1

Near Rajendra Park Chowk

E-mail eedurg-phe-cg@mail.nic.in , Phone 0788-2323633

Test Report
Group- Drinking Water

Certificate No. TC 7502

		ULR No.:- TC750226000000767F		Sample Collected by- A.K. Goyal Public School Patan	
Sender's Name and Address:- Principal A.K. Goyal Public School Patan, Durg (C.G.)	Sender's letter no.	-	Sender's letter Date	13-03-2026	
	DL Receipt No.	03/26/1067	DL Received date	13-03-2026	
	Date of analysis started	13-03-2026	Date of analysis completed	14-03-2026	

Sample Details

No	Block & District	Village/Panchayat	Sample Id	Source/Location Details
1	Patan/ Durg		7089	A.K. Goyal Public School Patan (R.O water)
2				
3				
4				

Details of parameters, their test methods, units and specifications as per IS/APHA

No.	Characteristics	Test method IS/APHA 24rd Edition		Unit of Measurement	As Per IS -10500:2012 For Drinking Water		Results							
		Method	Part No.		Acceptable Limit	Permissible Limit	1	2	3	4	5	6	7	
1	2	3	4	5	6	7		-	-	-	-	-	-	-
		Method	Part No.		Sample ID -->		7089	-	-	-	-	-	-	-
1	Turbidity	IS:3025	Part -10	NTU	1.0	5.0	0.2	-	-	-	-	-	-	-
2	pH at Temperature 25°C	IS:3025	Part -11	pH scale	6.5 - 8.5	6.5 - 8.5	6.81	-	-	-	-	-	-	-
3	Total Alkalinity as CaCO ₃	IS:3025	Part -23	mg/l	200	600	24.97	-	-	-	-	-	-	-
4	Specific Conductivity at Temperature 25°C	IS:3025	Part -14	µmhos/cm	-	--	119	-	-	-	-	-	-	-
5	Chloride as Cl ⁻	IS:3025	Part- 32	mg/l	250	1000	8.77	-	-	-	-	-	-	-
6	Total Hardness as CaCO ₃	IS:3025	Part -21	mg/l	200	600	18.36	-	-	-	-	-	-	-
7	Calcium as Ca ⁺⁺	IS:3025	Part -40	mg/l	75	200	4.08	-	-	-	-	-	-	-
8	Magnesium as Mg ⁺⁺	APHA	3500-Mg- B	mg/l	30	100	1.98	-	-	-	-	-	-	-
9	Nitrate as NO ₃ ⁻	APHA	4500-NO3-B	mg/l	45	45	0.5	-	-	-	-	-	-	-
10	Iron as Fe ⁺⁺	APHA	3500-Fe- B	mg/l	0.3	1.0	0.10	-	-	-	-	-	-	-
11	Manganese as Mn ⁺	APHA	3500-Mn-B	mg/l	0.1	0.3	0.0	-	-	-	-	-	-	-
12	Sulphate as SO ₄ ²⁻	IS:3025	Part- 24	mg/l	200	400	0.90	-	-	-	-	-	-	-
13	Fluoride as F ⁻	APHA	4500-F-C	mg/l	1.0	1.5	0.022	-	-	-	-	-	-	-
14	Total Dissolved Solid (TDS)	IS:3025	Part -16	mg/l	500	2000	60	-	-	-	-	-	-	-
15	Odour	IS:3025	Part -5		Agreeable	Agreeable	Agreeable	-	-	-	-	-	-	-
16	Color	APHA	2120 B	Hazen	5	15	4	-	-	-	-	-	-	-
17	Taste	IS:3025	Part -8		Agreeable	Agreeable	-	-	-	-	-	-	-	-

- This report should not be produced partly or full without approval of signatory authority of legal purposes
- It is recommended that acceptable limit is to be implemented. Values in excess of those mentioned under "acceptable" render the water not suitable, but still may be tolerated in the absence of an alternative source but upto the limits indicated under the "permissible limit in the absence of alternate source" in column 7 above which the sources will have to be rejected.
- The results refer only to tested samples and parameters tested.**
- Samples will be stored for a period of 07 days from date of issue of report.
- This lab does not hold any responsibility for variation in results for samples kept on hold for want of clarification.
- The Laboratory does not give interpretation on Test result Passed / Failed**
 - Results apply to the sample as received
 - Sampling not done by the Laboratory Staff

(Huleshwar Sahu)
 Authorised Signatory