



District Water Testing Laboratory
Public Health Engineering Division Durg Chhattisgarh
Near Rajendra Park Chowk

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

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Test Report
Group- Drinking Water

Sender's Name and Address:- प्राचार्य केन्द्रीय विद्यालय, सी.आई. एस. एफ. उतई, मिलाई दुर्ग (छ.ग.)	ULR No.:- TC750225000000182F		Sample Collected by- केन्द्रीय विद्यालय, सी.आई. एस. एफ. उतई	
	Sender's letter no.	63	Sender's letter Date	21-06-2025
	DL Receipt No.	06/25/439	DL Received date	24-06-2025
	Date of analysis started	24-06-2025	Date of analysis completed	25-06-2025

Sample Details

No	Block & District	Village/Panchayat	Sample Id	Source/Location Details
1	दुर्ग	उतई	3330	केन्द्रीय विद्यालय, सी.आई. एस. एफ. उतई (बोर का पानी)
2				
3				
4				
5				

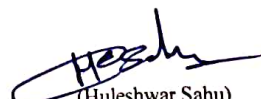
Details of parameters, their test methods, units and specifications as per IS/APHA

No	Characteristics	Test method IS/APHA 24rd Edition		Unit of Measurement	As Per IS -10500:2012 For Drinking Water		Results						
					Acceptable Limit	Permissible Limit	1	2	3	4	5	6	7
1	2	3	4	5	6	7		-	-	-	-	-	-
		Method	Part No.		Sample ID →		3330	-	-	-	-	-	-
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	7.55	-	-	-	-	-	-
3	Total Alkalinity as CaCO ₃	IS:3025	Part -23	mg/l	200	600	186.53	-	-	-	-	-	-
4	Specific Conductivity at Temperature 25°C	IS:3025	Part -14	µmhos/cm	-	--	809	-	-	-	-	-	-
5	Chloride as Cl ⁻	IS:3025	Part- 32	mg/l	250	1000	38.37	-	-	-	-	-	-
6	Total Hardness as CaCO ₃	IS:3025	Part -21	mg/l	200	600	264.09	-	-	-	-	-	-
7	Calcium as Ca ⁺⁺	IS:3025	Part -40	mg/l	75	200	75.14	-	-	-	-	-	-
8	Magnesium as Mg ⁺⁺	APHA	3500-Mg- B	mg/l	30	100	18.61	-	-	-	-	-	-
9	Nitrate as NO ₃ ⁻	APHA	4500-NO3-B	mg/l	45	45	19.7	-	-	-	-	-	-
10	Iron as Fe ⁺⁺	APHA	3500-Fe- B	mg/l	0.3	1.0	0.05	-	-	-	-	-	-
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	23.15	-	-	-	-	-	-
13	Fluoride as F ⁻	APHA	4500-F-C	mg/l	1.0	1.5	0.227	-	-	-	-	-	-
14	Total Dissolved Solid (TDS)	IS:3025	Part -16	mg/l	500	2000	468	-	-	-	-	-	-
15	Odour	IS:3025	Part -5		Agreeable	Agreeable	Agreeable	-	-	-	-	-	-
16	Color	APHA	2120 B	Hazen	5	15	5	-	-	-	-	-	-
17	Taste	IS:3025	Part -8		Agreeable	Agreeable	-	-	-	-	-	-	-

- 1 This report should not be produced partly or full without approval of signatory authority of legal purposes
- 2 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.
- 3 The results refer only to tested samples and parameters tested.
- 4 Samples will be stored for a period of 07 days from date of issue of report.
- 5 This lab does not hold any responsibility for variation in results for samples kept on hold for want of clarification.
- 6 The Laboratory does not give interpretation on Test result Passed / Failed
- 7 1. Results apply to the sample as received
2. Sampling not done by the Laboratory Staff

Issue No.445/Lab/ Date-26/06/2025

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End of Test Report


(Huleshwar Sahu)
Authorised Signatory