



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

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

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

**Test Report**  
**Group- Drinking Water**

	<b>ULR No.:- TC750223000000383</b>		Sample Collected by- Shri Mahavir Jain Public School Pulgaon, Durg	
<b>Sender's Name and Address:-</b> Principal Shri Mahavir Jain Public School Pulgaon, Durg (C.G.)	Sender's letter no.	02/2023	Sender's letter Date	05-06-2023
	DL Receipt No.	06/23/425	DL Received date	05-06-2023
	Date of analysis started	05-06-2023	Date of analysis completed	06-06-2023

No	Block & District	Village	Sample Id	Source/Location Details
1	Durg	Pulgaon Durg	3255	Shri Mahavir Jain Public School Pulgaon, Durg
2				
3				
4				
5				
6				


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

No.	Characteristics	Test method IS/APHA 23rd 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	Sample ID --> <b>3255</b>							
1	Turbidity	IS:3025	Part -10	NTU	1.0	5.0	0.8	-	-	-	-	-	-	-
2	pH at Temperature 25 °C	IS:3025	Part -11	pH scale	6.5 - 8.5	6.5 - 8.5	<b>6.29</b>	-	-	-	-	-	-	-
3	Total Alkalinity as CaCO <sub>3</sub>	IS:3025	Part -23	mg/l	200	600	10.30	-	-	-	-	-	-	-
4	Specific Conductivity at Temperature 26 °C	IS:3025	Part -14	µmhos/cm	-	--	96	-	-	-	-	-	-	-
5	Chloride as Cl <sup>-</sup>	IS:3025	Part- 32	mg/l	250	1000	8.73	-	-	-	-	-	-	-
6	Total Hardness as CaCO <sub>3</sub>	IS:3025	Part -21	mg/l	200	600	21.56	-	-	-	-	-	-	-
7	Calcium as Ca <sup>++</sup>	IS:3025	Part -40	mg/l	75	200	3.92	-	-	-	-	-	-	-
8	Magnesium as Mg <sup>++</sup>	APHA	3500-Mg- B	mg/l	30	100	2.85	-	-	-	-	-	-	-
9	Nitrate as NO <sub>3</sub> <sup>-</sup>	APHA	4500-NO3-B	mg/l	45	45	0.3	-	-	-	-	-	-	-
10	Iron as Fe <sup>++</sup>	APHA	3500-Fe B	mg/l	0.3	1.0	0.095	-	-	-	-	-	-	-
11	Manganese as Mn <sup>+</sup>	APHA	3500-Mn-B	mg/l	0.1	0.3	0.0	-	-	-	-	-	-	-
12	Sulphate as SO <sub>4</sub> <sup>2-</sup>	IS:3025	Part- 24	mg/l	200	400	0.80	-	-	-	-	-	-	-
13	Fluoride as F <sup>-</sup>	APHA	4500-F-C	mg/l	1.0	1.5	0.0502	-	-	-	-	-	-	-
14	Total Dissolved Solid (TDS)	IS:3025	Part -16	mg/l	500	2000	58	-	-	-	-	-	-	-
15	Odour	IS:3025	Part -5		Agreeable	Agreeable	Agreeable	-	-	-	-	-	-	-
16	Color	APHA	2120 B	Hazen	5	15	3 CU	-	-	-	-	-	-	-
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**
1. Results apply to the sample as received  
2. Sampling not done by the Laboratory Staff

Issue No. 432 /Lab/ Date- 07/06/23

Page-01 of 01  
End of Test Report

  
 (Parimal Dutta)  
 Chemist  
 Authorised Signatory(NABL)