

Sch 01

District Water Testing Laboratory
Public Health Engineering Division Dantewada Chhattisgarh
 Near Old Collectorate Sub-Dn.-2, PIN-494449
 Email- eedan-phe-cg@mail.nic.in

Format Id- DWTL/PHED/DNT/F/4.1

Test Report
Group - Drinking Water

Sender's Name and Address: DAV MPS		ULR No.:-	Sample Collected by - Mahammad Rizvi	
		Sender's letter no.	-	Sender's letter Date
		DL Receipt No.	03/24/832	DL Received date
		Date of analysis started	15.03.2024	Date of analysis completed
				15.03.2024
				18.03.2024

Sample Details-

No.	Block & District	Village & Panchayat	Sample ID	Sample Type	Location/Source No.
1	कुआकोण्डा	हितावर	3051	Bore	DAV MPS Hitawar
2					
3					
4					
5					
6					
7					
8					

Details of parameters, their test methods, units and specifications as per IS:3025

No.	Characteristics	Test method IS:3025		Unit of Measurement	As Per BIS -10500:2012 For Drinking Water		Results									
		Method	Part no.		Acceptable Limit	Permissible Limit	1	2	3	4	5	6	7	8		
1	2	3	4	5	6	7	Sample ID → 3051									
1	Turbidity	IS:3025	Part -10	NTU	1.0	5.0	0									
2	pH	IS:3025	Part -11	pH scale	6.5 - 8.5	6.5 -8.5	6.55									
3	Total Alkalinity as CaCO ₃	IS:3025	Part -23	mg/l	200	600	35.02									
4	Chloride as Cl ⁻	IS:3025	Part- 32	mg/l	250	1000	19.5									
5	Total Hardness as CaCO ₃	IS:3025	Part -21	mg/l	200	600	105.84									
6	Calcium as Ca ⁺⁺	IS:3025	Part -40	mg/l	75	200	8.63									
7	Magnesium as Mg ⁺⁺	IS:3025	Part -46	mg/l	30	100	20.95									
8	Total Dissolved Solid	IS:3025	Part -16	mg/l	500	2000	166									
9	Taste	IS:3025	Part -8		Agreeable	Agreeable	Agreeable									
10	Odour	IS:3025	Part -5		Agreeable	Agreeable	Agreeable									
11	Color	IS:3025	Part - 4	cu	5	15	3									

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 10 days from the 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


 Nikhil Kumar Kanwar
 Assistant Engineer
 Authorised Signatory (NABE)

Chatter

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Sample Details-

No.	Block & District	Village & Panchayat	Sample ID	Sample Type	Location/Source No.
1	कुआकोण्डा	हितावर	3052	Bore	DAV MPS Hitawar
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Details of parameters, their test methods, units and specifications as per IS:3025

No.	Characteristics	Test method IS:3025		Unit of Measurement	As Per BIS -10500:2012 For Drinking Water		Results											
		Method	Part no.		Acceptable Limit	Permissible Limit	1	2	3	4	5	6	7	8				
							Sample ID ->	3052										
1	Turbidity	IS:3025	Part -10	NTU	1.0	5.0		47.6										
2	pH	IS:3025	Part -11	pH scale	6.5 - 8.5	6.5 -8.5		6.19										
3	Total Alkalinity as CaCO ₃	IS:3025	Part -23	mg/l	200	600		88.58										
4	Chloride as Cl ⁻	IS:3025	Part- 32	mg/l	250	1000		17.55										
5	Total Hardness as CaCO ₃	IS:3025	Part -21	mg/l	200	600		105.84										
6	Calcium as Ca ⁺⁺	IS:3025	Part -40	mg/l	75	200		16.48										
7	Magnesium as Mg ⁺⁺	IS:3025	Part -46	mg/l	30	100		16.14										
8	Total Dissolved Solid	IS:3025	Part -16	mg/l	500	2000		204										
9	Taste	IS:3025	Part -8		Agreeable	Agreeable		Not Agreeable										
10	Odour	IS:3025	Part -5		Agreeable	Agreeable		Not Agreeable										
11	Color	IS:3025	Part - 4	cu	5	15		25										

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- 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


 Nikhil Kumar Kanwar
 Assistant Engineer
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