

DWTLHBD/F-04 /7.8/F-27

DISTRICT WATER TESTING LABORATORY

Public Health Engineering Department

Kothi Bazar ,Narmadapuram (M.P) 461001

Test Report

Status of Sample	Drinking Water	Unique Identification NO.	Report Date 01-08-2024
Sender's name	Sister Vinutha ST.Charles Higher Sec. School Rasuliya	Sender's letter no.	
Sender's address	Distt. Narmadapuram	Sender's letter date	31.07.2024
		Start Date of Analysis	31-07-2024
Quantity of sample	1000 ml	DWTL receipt No.	
Sample collected by lab(YES/NO)	No	End Date of Analysis	01.08.2024

Sample details:


S.No	Block	Gram panchyat	Village/Town	Habitation	Location
1	Narmadapuram		Town		R O Water
2					
3					
4					
5					

Physical & Chemical Test Report With Details of Parameters Their Test Methods ,Units and specifications as per BIS.

S.No	Characteristics	Test Method (BIS 10500:2012)	Unit	As per BIS 10500:2012&Reaffirmed in Sep.2018		Test Result				
				Requirement (Desirable Limit)	Permissible Limit in the absence of Alternate Source	Sample Numbers				
				5	6	1	2	3	4	5
1	Temperature	°C				7				
2	Colour	BIS :3025 Part 4	Hazen scale	5	15	2.0				
3	Odour	BIS :3025 Part 5	aggregable			A				
4	Taste	BIS :3025 Part 8	aggregable			A				
5	Iron as Fe	BIS :3025 Part 53	Mg/l	1.0	1.0	0.6				
6	Nitrate as No3	BIS :3025 Part 34	Mg/l	45	45	12.0				
7	Fluoride as F	BIS :3025 Part 60	Mg/l	1.0	1.5	0.00				

8	Chloride as Cl	BIS :3025 Part 32	Mg/l	250	1000	84.0				
9	Total Alkalinity as CaCO ₃	BIS :3025 Part 23	Mg/l	200	600	168				
10	Calcium as Ca ⁺⁺	BIS :3025 Part 40	Mg/l	75	200	78.4				
11	Magnesium as Mg	BIS :3025 Part 46	Mg/l	30	100	26.8				
12	Total Hardness as CaCO ₃	BIS :3025 Part 21	Mg/l	200	600	246				
13*	Sulphate as SO ₄	BIS :3025 Part 24	Mg/l	200	400	24.6				
14	pH	BIS :3025 Part 2	pH scale	6.5 to 8.5	6.5 to 8.5	7.62				
15	Turbidity	BIS :3025 Part 10	NTU	1.0	5.0	1.8				
16	Conductivity	BIS :3025 Part 14	µmho/cm	-	-	554				
17	TDS	BIS :3025 Part 16	Mg/l	500	2000	276				
18*	Fecal Coliform (TTC)		Per 100 ml	Nil	Nil	0.00				
19*	Total Coliform		Per 100 ml	Nil	Nil	0.00				
20*	Residual Cl ₂			0.2	1.0	Nil				

1. This report should not be produced partly or full without approval of signatory authority for legal purpose.
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 the limit indicated under the "permissible limit in the absence of alternative source" in column 6, above with the sources will have to be rejected.
3. The results refer only to tested Sample and parameter tested.
4. Sample will be stored for a period of 15 days from the date of issue of report (for tests from serial No 1,5,6,7,13,18,19,20).
5. This lab does not hold any responsibility for variation in results for samples kept on hold and want to clarification.
6. The tests marked with an * are not under the process of accreditation by NABL.


CHEMIST
WATER TESTING LABORATORY
P.H.E.D DIVISION
NORMANGABAD
 District Water Testing Laboratory
 P.H.E.D Narmadapuram