

Water Test Report

Condition of sample : OK or Not	Nature of sample: Drinking Water/ Other	Unique Identification Code-	36/NMH	Sample Not Collected by Lab ✓
Sender's name and address: Principal, The Pinnacle Global School, Jawad Road, Bhadhbadiya, Dist. Neemuch (M.P.)		Quantity of sample-	1 Liter	
		Date and Time of Sampling -	13/03/2024/ 3:10 PM	
		Sender's letter no.	112	
		DWTLNMH receipt. No.	36	
		Date of analysis started	14/03/2024	
		Date of analysis completed		
		Nature of Packaging -	Glass/PP ✓	
		Sender's letter Date	13/03/2024	
		DWTLNMH receipt Date	13/03/2024	
		Date of analysis completed	14/03/2024	
		Location	The Pinnacle Global School, Jawad Road, Bhadhbadiya, Dist. Neemuch (M.P.)	Source R.O. (Well)


Discipline : Chemical, Group : Water

Details of parameters, their test methods, units and specifications as per BIS

S.No.	Characteristics	Test Method	Unit	As per BIS -10500:2012 & Amendment Jan 2021 For Drinking water		Test Result
				Requirement (Desirable Limit)	Permissible limit in the absence of Alternate Sources	
1	Total Hardness as CaCO ₃	IS 3025 (P-21):2009 RA 2019	mg/L	200	600	96.00 ✓
2	Calcium as Ca	IS 3025 (P-40):1991 RA 2019	mg/L	75	200	20.80 ✓
3	Magnesium as Mg	IS 3025 (P-46):1994 RA 2023	mg/L	30	100	10.56 ✓
4	Total Alkalinity as CaCO ₃	IS 3025 (P-23):1986 RA 2019	mg/L	200	600	52.00 ✓
5	Chloride as Cl	IS 3025 (P-32):1988 RA 2019	mg/L	250	1000	51.41 ✓
6	Colour	IS 3025 (P-04) :1983 RA 2021	Hazen	5	15	0 ✓
7	Turbidity	IS 3025 (P-10) :1984 RA 2023	NTU	1.0	5.0	2.1 ✓
8	pH	IS 3025 (P-11) : 1983 RA 2017	pH scale	6.5 to 8.5	6.5 to 8.5	6.63 ✓
9	Sulphate as SO ₄	IS 3025 (P-24) : 1986 RA 2022	mg/L	200	400	34.22 ✓
10	Conductivity	IS 3025 (P-14) : 2013 RA 2019	µmhos/cm	-	-	419.00 ✓
11	Total Dissolve Solids	IS 3025 (P-16) :1984 RA 2023	mg/L	500	2000	275.00 ✓
12	Odour	IS 3025 (P-5) : 2018	-	Agreeable	Agreeable	Agreeable ✓
13	Taste	IS 3025 (P-8) : 1984 RA 2023	-	Agreeable	Agreeable	Agreeable ✓
14	Fluoride as F-	IS 3025 (P-60) : 2008 RA 2019	mg/L	1.0	1.5	0.11 ✓

Specific Information :

- This report shall not be produced partly or full without written Permission of laboratory.
- Samples will be stored for a period of 05 days from the date of issue of report.
- This laboratory does not hold any responsibility for variation in results for samples kept on hold.
- Results relate only to the items tested and the sample as received.
- Collection of sample from the source "this information" is provided by the Customers only" and laboratory will not responsible for such information.
- H.P= Hand pump, TW= Tube well.



Pooja Malviya
Technical Manager
District Authorised Signatory Laboratory
Neemuch (M.P.)

District Water Testing Laboratory
Public Health Engineering Department PHED
Manasa Naka, Near Navgrih Shani Mandir Nee much (M.P.)

Sender's Letter No.: 112		Date: 13/03/2024		DWTL Receipt No. 36		DWTL Receipt Date: 13/03/2024		Unique Identification Code: 36/NMH	
Physical and Chemical Test Report with details of Parameters, their Test methods, Units and Specifications as per BIS									
S.No	Characteristics	Test Method	Unit	As per BIS -10500:2012 & Amendment Jan 2021 For Drinking water		Sample Numbers	Test Results		
				Requirement (Desirable Limit)	Permissible Limit in the absence of Alternate Sources				
15	Nitrate as No ₃	PDA Method, Based on std. Method 1960& NEERI Manual 2012	Mg/l	45	45	2.33			
16	Iron as Fe	IS 3025 (P-53) : 2003 RA 2014	Mg/l	1.0	1.0	0.09			
17	Manganese as Mn	IS 3025 (P-59) : 2006 RA 2017	Mg/l	0.1	0.3	0.00			
18	Arsenic	By Kit	Mg/l	0.01	0.01	0.00			
19	Residual Chlorine as Cl ₂	By Visual/ Comparative method	Mg/l	0.2	1.00	-			
Bacteriological Test Report With Details of their Test Methods, Units and Specifications as per BIS									
S.No	Characteristics	Test Method	Unit	As per BIS -10500:2012 & Amendment Jan 2021 For Drinking water		Sample Numbers	Test Results		
				Requirement (Desirable Limit)	Permissible Limit in the absence of Alternate Sources				
1	Total Coliform	APHA 23 rd Edition	Per 100ml	NIL	NIL	0			
2	Faecal Coliform(TTC)	APHA 23 rd Edition	Per 100ml	NIL	NIL	0			

Specific Information :

Remarks (if Any)-


Pooja Matviya
Technical Manager
Authorised Signatory
District Water Testing Laboratory
Neemuch (M.P.)