



Test Report

ULR No.	TC	1	3	5	4	2	2	5	0	0	0	0	0	0	6	9	F
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Condition of sample : OK or Not		Nature of sample: Drinking Water/ Other		Unique Identification Code. 80/NMH		Sample Not Collected by Lab ☒	
Sender's name and address: Principal Carmel Convent Sr. Sec. School, C.R.P.F. Road, Neemuch (M.P.)				Quantity of sample- 1 Liter		Nature of Packaging - Glass/PP	
				Date and Time of Sampling - 04/12/2025/2 PM		Sender's letter Date 03/12/2025	
				Sender's letter no. 0		DWTLMNH receipt Date 04/12/2025	
				DWTLMNH receipt No. 80		Date of analysis completed 08/12/2025	
Date of analysis started 08/12/2025							
S.no.	Block	Gram Panchayat	Village	Habitation	Location		Source
1	Neemuch	Neemuch	Neemuch	Neemuch	Carmel Convent Sr. Sec. School, C.R.P.F. Road, Neemuch (M.P.)		R. O.(TW)

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	
						Sample Number
						1
1	2	3	4	5	6	7
1	Total Hardness as CaCO ₃	IS 3025 (P-21):2009 RA 2023	mg/L	200	600	268
2	Calcium as Ca	IS 3025 (P-40):2024 No RA	mg/L	75	200	55.2
3	Magnesium as Mg	IS 3025 (P-46):2023 No RA	mg/L	30	100	31.2
4	Total Alkalinity as CaCO ₃	IS 3025 (P-23):2023 No RA	mg/L	200	600	178
5	Chloride as Cl	IS 3025 (P-32):1988 RA 2019	mg/L	250	1000	39
6	Colour	IS 3025 (P-04) : 2021 No RA	Hazen	5	15	1
7	Turbidity	IS 3025 (P-10) : 2023 No RA	NTU	1.0	5.0	0.2
8	pH @25°C	IS 3025 (P-11) : 2022 No RA	pH scale	6.5 to 8.5	6.5 to 8.5	7.80
9	Sulphate as SO ₄	IS 3025 (P-24) : 2022 No RA	mg/L	200	400	32.6
10	Conductivity @25°C	IS 3025 (P-14) : 2013 RA 2023	µmhos/cm	-	-	505
11	Total Dissolve Solids @180°C	IS 3025 (P-16) : 2023 No RA	mg/L	500	2000	328
12	Odour	IS 3025 (P-5) : 2018 RA 2022	-	Agreeable	Agreeable	Agreeable
13	Taste	IS 3025 (P-8) : 2023 No RA	-	Agreeable	Agreeable	Agreeable
14	Fluoride as F-	IS 3025 (P-60) : 2023 No RA	mg/L	1.0	1.5	0.21

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.

Technical Manager
 District Water Testing Laboratory
 Neemuch (M.P.)

End of Report
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Reviewed By
 Pooja Malviya
 (Quality Manager)
 Authorized Signatory
 District Water Testing Laboratory, Neemuch (M.P.)
 Neemuch (M.P.)

Issue no. **69** /DWTL/PHED/NMH/ /2025 Issue Date: **09/12/2025**

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

Sender's Letter No.0		Date: 03/12/2025		DWTL Receipt No. 80		DWTL Receipt Date: 04/12/2025		Unique Identification Code. 80/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		Test Results			
				Requirement (Desirable Limit)	Permissible Limit in the absence of Alternate Sources	Sample Numbers			
						1			
15	Nitrate as NO ₃	PDA Method, Based on std. Method 1960& NEERI Manual 2012	Mg/l	45	45	2.78			
16	Iron as Fe	IS 3025 (P-53) : 2024 No RA	Mg/l	1.0	1.0	0.04			
17	Manganese as Mn	IS 3025 (P-59) : 2023 No RA	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	0.0			
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		Test Results			
				Requirement (Desirable Limit)	Permissible Limit in the absence of Alternate Sources	Sample Numbers			
						1			
1	Total Coliform	APHA 23 rd Edition	Per 100ml	NIL		0			
2	Faecal Coliform(TTC)	APHA 23 rd Edition	Per 100ml	NIL		0			

Remarks (if Any)-

Technical Manager
 District Water Testing Laboratory
 Neemuch (M.P.)

Pooja Malviya
 (Quality Manager)
 Authorized Signatory
 District Water Testing Laboratory, Neemuch (M.P.)
 Neemuch (M.P.)