

NABL  
DISTRICT WATER TESTING LABORATORY  
PUBLIC HEALTH ENGINEERING DEPARTMENT MORENA

ANALYSIS REPORT

CUSTOMER NAME: Sb. R. K. Jain  
Manager/Administrator, G.D Goenka Public School Morena.

S. No.	Block	Panchayat	Village Name	Location	Sample Qty	Sample Packing	Source
1						Acceptable / Not acceptable	R.O Water
2						Acceptable / Not acceptable	
3						Acceptable / Not acceptable	
4						Acceptable / Not acceptable	
5						Acceptable / Not acceptable	

PARTICULARS TO BE FILLED IN THE LABORATORY

Date of Receipt :- 5/7/23 Time of Receipt :- 11:30 A.M  
Date of Analysis Started :- 5/7/23 Date of Analysis Completed :- 5/7/23  
UID/Sample No. :- P-415

NATURE OF STUDY - CHEMICAL ANALYSIS

No	Characteristics	Test Method		Unit	AS Per BIS - 10500:2012 & Amendment sep.2018 for Drinking water		Results							
					Requirement (Desirable limit)	Permissible limit in the absence of Alternate source	1	2	3	4	5			
1	Taste	IS 3025 RA 2017	Part 8	-	Objectionable	Un Objectionable								
2	Odour	IS 3025 RA 2018	Part 5	-	Agreeable	Un Agreeable								
3	Colour in	IS 3025 RA 2019	Part 26	Hazen scale	5	15								
4	Iron (Fe)	-	-	Mg/l	0.3	1.0								
5	Nitrate (No <sub>3</sub> )	-	-	Mg/l	45.0	45.0								
6	Arsenic (As)	-	-	Mg/l	0.01	0.05								
7	Fluoride (F)	-	-	Mg/l	1.0	1.5								
8	Chloride as Cl	IS 3025 RA 2019	Part 32	Mg/l	250	1000								
9	TDS By Meter	APHA 23 <sup>rd</sup> 2510 B	Edition	Mg/l	500	2000								
10	Total Alkalinity as Na <sub>2</sub> CO <sub>3</sub>	IS 3025 RA 2019	Part 23	Mg/l	200	600								
11	Total Hardness as CaCO <sub>3</sub>	IS 3025 RA 2019	Part 21	Mg/l	200	600								
12	Calcium Hardness	-	-	Mg/l	-	-								
13	Magnesium Hardness	-	-	Mg/l	-	-								
14	Calcium as Ca	IS 3025 RA 2019	Part 40	Mg/l	75	200								
15	Magnesium as Mg	IS 3025 RA 2019	Part 46	Mg/l	30	100								
16	Residual Chlorine	IS 3025 RA 2019	Part 26	Mg/l	0.2	1.0								
17	Sulphate	-	-	Mg/l	200	400								
18	Manganese	-	-	Mg/l	0.1	0.3								
19	pH	APHA 23 <sup>rd</sup> 4500-H + B	Edition	pH scale	6.5 to 8.5	6.5 to 8.5								
20	Turbidity in	APHA 23 <sup>rd</sup> 2130 B	Edition	NTU	1.0	5.0								
21	Faecal Coliform (TTC) E.Coli	-	-	-	-	-								
22	Total Coliform (per 100 ml)	-	-	-	-	-								
23	Conductivity at 25°C	APHA 23 <sup>rd</sup> 2510 B	Edition	Micromhos/cm	-	-								

Remark :- Bis-10500 के अनुसार उक्त जल सूत्रा निर्यात निर्मात पास जमा हो

Quality Manager  
Public Health Engineer Department  
District Water Testing Laboratory  
Morena (M.P.)

Assistant Engineer  
Public Health Engineer Department  
Sub-division Morena (M.P.)