



बिहार सरकार

Government of Bihar

Public Health Engineering Department

District Level Water Testing Laboratory, Near Kachari, Front Of Ara Nagar Nigam, Ara-802301

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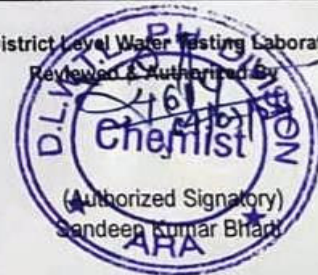
**TEST REPORT**

<b>Name &amp; Address Of Customer :</b>  St. Xavier +2 Academy Block-Ara, Vill-Dhobha, Ara  Bhojpur(Ara)	Report No                      ARA/W/24-25/R/103 Date                                04.07.2024 Sample No                        ARA/W/24-25/103 Sample Description            Drinking Tap Water
	Sample Mark/Location        Block-Ara, Vill-Dhobha, Ara  Sample Submitted On         27.06.2024  Date Of Performance(S)     27.06.24 to 04.07.24 Ref No.Date

**Analysis Result**

Sl. No.	Test Parameter	Test Method	IS:10500 : 2012 Amd.1 & 2		Result
			Acceptable Limit	Permissible Limit	
1	Colour in HU	IS 3025 (Part 4) : 2021	5	15	<5
2	Odour	IS 3025 (Part 5) : 2022	Agreeable	Agreeable	Unobjectionable
3	Taste	IS 3025 (Part 8) : 2023	Agreeable	Agreeable	Agreeable
4	pH Value at 25°C	IS 3025(Part 11) : 2022	6.5-8.5	No Relaxation	7.26
5	Turbidity at NTU	IS 3025(Part 10) : 2023	1	5	2.9
6	TDS in mg/l	IS 3025(Part 16) : 2023	500	2000	338
7	Total Hardness in mg/l	IS 3025(Part 21) : 2019	200	600	157.56
8	Calcium in mg/l	IS 3025(Part 40) : 2023	75	200	38.85
9	Magnesium in mg/l	APHA 24th Edition-3500	30	100	14.71
10	Iron in mg/l	APHA 23rd Edition -3500-Fe Method B (Phenanthroline Method) : 2023	1	No Relaxation	0.19
11	Chloride in mg/l	IS 3025(Part 32) : 2019	250	1000	56.36
12	Total Alkalinity in mg/l	IS 3025(Part 23) : 2023	200	600	173.72
13	Arsenic in mg/l	APHA 23rd Edition -3500 Method B (Silver Diethylthiocarbamate Method): 2023	0.01	No Relaxation	<0.009

for District Level Water Testing Laboratory, Ara  
Reviewed & Authorized by



End of Report

- The results relate only to the item(s) tested.
- Sample is submitted by the Customer
- This Test Report, shall not be reproduced without the permission of District Level Water Testing Laboratory, Ara.
- The reserved part of sample(s), except perishable sample(s), shall be retained for 15 day's from the date of issue of the Test Report.