



ITS TESTING LABORATORY PRIVATE LIMITED

Laboratory: A-114, Sector-80, Phase-II Noida, Gautam Budh Nagar - 201305, (U.P.) INDIA

(An ISO 9001: 2015, ISO 14001:2015 & ISO 45001:2018 Certified Laboratory)

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TEST REPORT

Water Sample Analysis

Report Code: W-230924-129

Issue Date: 26/09/2024

ISSUED TO : M/S Adriel High School
PS -2, Sector-24, Rohini, New Delhi-110085

SAMPLING & ANALYSIS DATA

Sample Description : Drinking Water
Sample Drawn On : 23/09/2024
Sample Drawn By : Mr. K. K. Sharma (ITS Representative)
Sampling Plan & Procedure : IS:17614 (Part-1) :2021
Sample Quantity : 2.0 Liter in Pet Bottle & 500ml in Sterilized Glass Bottle
Sample Received On : 23/09/2024
Analysis Duration : 23/09/2024 To 26/09/2024

TEST RESULTS

Chemical Analysis

S. No.	Parameter	Test Method	Results	Units	Requirement (Acceptable Limit)	Permissible Limit in absence of alternate source
1.	pH	IS:3025(Part-11)	7.08	-	6.5 – 8.5	-
2.	Colour	IS:3025(Part-4)	<5.0	Hazen	5	15
3.	Turbidity	IS:3025(Part-10)	<1.0	NTU	1	5
4.	Total Hardness (as CaCO ₃)	IS:3025(Part-21)	54	mg/l	200	600
5.	Chloride(as Cl)	IS:3025(Part-32)	13	mg/l	250	1000
6.	Calcium (as Ca)	IS: 3025 (P- 40)	14.4	mg/l	75	200
7.	Iron (as Fe)	IS:3025(Part-53)	<0.05	mg/l	1.0	-
8.	Nitrate (as NO ₃)	IS: 3025 (P- 34)	<1.0	mg/l	45	No Relaxation
9.	Total Dissolved Solid	IS:3025(Part-16)	117	mg/l	500	2000
10.	Alkalinity (as CaCO ₃)	IS: 3025 (P- 23)	16	mg/l	200	600
11.	Fluoride (as F)	IS: 3025 (P- 60)	<0.1	mg/l	1.0	1.5
12.	Sulphate (as SO ₄)	IS:3025 (P-24)	<1.0	mg/l	200	400
13.	Magnesium (as Mg)	IS:3025 (P-46)	4.37	mg/l	30	100

Microbiological Analysis

RESULTS

S. No.	Parameter	Test Method	Results	Required as per IS-10500:2012
1.	<i>Escherichia coli</i>	IS-15185:2016	Absent	Absent/100ml
2.	<i>Coliform Bacteria</i>	IS-15185:2016	Absent	Absent/100ml

Remarks: Based on above tested parameter, Water sample meet as per IS-10500:2012 specification.
Hence water is fit for drinking purpose.

Authorized Signatory
(Microbiologist)



Authorized Signatory
(Chemical Analyst)

Terms & Conditions :

1. Test reports are valid only for the samples tested in our laboratory. 2. Samples will be destroyed as per quality policy.
3. Any complaints about the report should be communicated in writing within 7 days.
4. Total liability of our laboratory is limited to invoiced amount.