



ITS TESTING LABORATORY PRIVATE LIMITED

Laboratory: A-114, Sector-80, Phase-II Noida, Gautam Budh Nagar - 201305, (U.P.)
(An ISO 9001: 2015, ISO 14001:2015 & ISO 45001:2018 Certified Laboratory)
Website: www.itslab.in, Email: itlrlab@gmail.com, info@itslab.in, contact@itslab.in
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TEST REPORT

Water Sample Analysis

Report Code: W-290224-26

Issue Date: 05/03/2024

ISSUED TO : M/S. PHRAKHURU PRAKASH SAMADHIGUN PUBLIC SCHOOL
Maha Bihar, Opp. S Museum, Sarnathvaran

SAMPLING & ANALYSIS DATA

Sample Description : Drinking Water
Sample Drawn On : 28/02/2024
Sample Drawn By : Mr. K.K. Sharma(ITS Representative)
Sampling Plan & Procedure : IS:17614 (Part):2021
Sample Quantity : 1.0 Liter in Pet Bottle & 500ml in Sterilized Bottle
Sample Received On : 29/02/2024
Analysis Duration : 29/02/2024 To 05/03/2024
ULR No. : TC1118124000000112

TEST RESULTS						
Essential test as per IS:10500-2018						
S. No.	Parameter	Test Method	Results	Units	Requirement (Acceptable Limit)	Permissible Limit in absence of alternate source
1.	pH	IS:3025(Part-11)	6.94	-	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)	38.0	mg/l	200	600
5.	Chloride(as Cl)	IS:3025(Part-32)	21.0	mg/l	250	1000
6.	Calcium (as Ca)	IS: 3025 (P- 40)	8.0	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)	76	mg/l	500	2000
10.	Alkalinity (as CaCO ₃)	IS: 3025 (P- 23)	19.0	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

Ruby
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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 salvaged amount.



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SENSORY REQUIREMENT

RESULTS				
S.No.	Parameter	Test Method	Results	Required as per IS-10500:2018
1.	Odour	IS:3025(Part-5)	Agreeable	Should be agreeable
2.	Taste	IS:3025(Part-8)	Agreeable	Should be agreeable

MICROBIOLOGICAL REQUIREMENT

RESULTS				
S.No.	Parameter	Test Method	Results	Required as per IS-10500:2018
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 meets as per IS-10500:2018 specification.
Hence water is fit for Drinking purpose.

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Noida, U.P.
AUTHORIZED SIGNATORY

Terms & Conditions

- The reported data will only be valid for the purpose for which it is reported. Samples are analyzed on the basis of our quality policy.
- Any enquiries about the report should be communicated to within 30 days.
- Total liability of our laboratory is limited to analytical charges.