



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: itrlclab@gmail.com, info@itslab.in, contact@itslab.in

+91 9911659800, 9305780312, 09958849764



TC-11181

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TEST REPORT

Water Sample Analysis

Report Code-W-040526-18

Issue Date: 09/05/2026

Issued To: **M/S. NEW D. C. PUBLIC SCHOOL**
Madanpur Khadar Extn Sarita Vihar New Delhi-110076

SAMPLING & ANALYSIS DATA

Sample Description : **R.O Water Sample**
Sample Drawn On : **04/05/2026**
Sample Drawn By : **Mr. Prakash Kumar (ITS LAB Representative)**
Sampling Plan & Procedure : **IS:17614 (Part-1):2021**
Sample Quantity : **2.0 Liter in Pet Bottle & 500 ml Glass Sterilized Bottle**
Weather Condition : **Clear**
Sample Received On : **04/05/2026**
Analysis Duration : **04/05/2026 To 09/05/2026**
Standard Limits : **As per IS: 10500:2012 Drinking water second Revision on dated 01:05:2015**

ANALYSIS TEST RESULTS

Chemical Analysis

S. No.	Parameter	Test Method	Results	Requirement (Acceptable Limit)	Permissible Limit in absence of alternate source
1.	pH Value @ 25°C	IS:3025 (Part-11)	7.29	6.5 – 8.5	-
2.	Colour (Hazen)	IS:3025 (Part-04)	<5.0	5	15
3.	Odour	IS:3025 (Part-05)	Agreeable	Agreeable	Agreeable
4.	Taste	IS:3025 (Part-08)	Agreeable	Agreeable	-
5.	Turbidity (NTU)	IS:3025 (Part-10)	<1.0	1	5
6.	Total Hardness (as CaCO ₃) (mg/l)	IS:3025 (Part-21)	41	200	600
7.	Chloride(as Cl) (mg/l)	IS:3025 (Part-32)	26	250	1000
8.	Calcium (as Ca) (mg/l)	IS:3025 (Part-40)	8.8	75	200
9.	Total Iron (as Fe) (mg/l)	IS:3025 (Part-53)	<0.05	1.0	-
10.	Nitrate (as NO ₃)	IS:3025 (Part-34)	<1.0	45	No Relaxation
11.	Total Dissolved Solid (TDS) (mg/l)	IS:3025 (Part-16)	76	500	2000
12.	Alkalinity (as CaCO ₃) (mg/l)	IS:3025 (Part-23)	15	200	600
13.	Fluoride (as F) (mg/l)	IS:3025 (Part-60)	<0.1	1.0	1.5
14.	Sulphate (as SO ₄) (mg/l)	IS:3025 (Part-24)	<1.0	200	400
15.	Magnesium (as Mg) (mg/l)	IS:3025 (Part-46)	4.61	30	100

Microbiological Analysis

RESULTS

S.No.	Parameter	Test Method	Results	Limits
1.	Escherichia coli, (cfu/100ml)	IS-15185:2016	Absent	Absent/100 ml
2.	Coliform Bacteria, (cfu/100ml)	IS-15185:2016	Absent	Absent/100 ml

Remarks: Based on above tested parameter, Water sample meets as per IS-10500:2012 in specification.

Note: - Report shall not be produce except in full without approval of the laboratory.

Reviewed by
Babita Darwal
(Microbiologist)



Authorized Signatory

End of Report

Terms & Conditions :

1. Test reports are valid only for the samples tested in our laboratory. 2. Samples will 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.