



# 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)

Recognised by MOEF & CC( Ministry of Environment Forest and Climate Change)

Website: www.itslab.in, Email: contact@itslab.in, itlrlab@gmail.com, info@itslab.in, itlrlab@gmail.com

+91 9911659800, 9305780312, 09958849764, 07210888634



Report Code: W-130224-04, Page- 1 of 2

## TEST REPORT

### Water Sample Analysis

Report Code: W-130224-04

Issue Date: 17/02/2024

ISSUED TO: Ganesh Ram Nagar Saraswati Balika Vidya Mandir  
Opp. Mahadev Mandir, Balkeshwar, Agra

### SAMPLING & ANALYSIS DATA

Sample Description : RO Water sample  
Sample Drawn On : 13/02/2024  
Sample Drawn By : ITS Representative  
Sampling Plan & Procedure : IS:17614 (Part-1):2021  
Sample Quantity : 1.0 Liter in Pet Bottle & 500ml in Sterilized Glass Bottle  
Weather Condition : Clear  
Sample Received On : 13/02/2024  
Analysis Duration : 14/02/2024 To 16/02/2024

TEST RESULTS						
Essential test as per IS:10500-2012						
S. No.	Parameter	Test Method	Results	Units	Requirement (Acceptable Limit)	Permissible Limit in absence of alternate source
1.	pH	IS:3025(Part-11)	7.42	-	6.5 – 8.5	-
2.	Colour	IS:3025(Part-4)	<1.0	Hazen	5	15
3.	Turbidity	IS:3025(Part-10)	<1.0	NTU	1	5
4.	Total Hardness (as CaCO <sub>3</sub> )	IS:3025(Part-21)	46.0	mg/l	200	600
5.	Chloride(as Cl)	IS:3025(Part-32)	29	mg/l	250	1000
6.	Calcium (as Ca)	IS: 3025 (P- 40)	11.2	mg/l	75	200
7.	Iron (as Fe)	IS:3025(Part-53)	<0.01	mg/l	1.0	-
8.	Nitrate (as NO <sub>3</sub> )	IS: 3025 (P- 34)	<1.0	mg/l	45	No Relaxation
9.	Total Dissolved Solid	IS:3025(Part-16)	140	mg/l	500	2000
10.	Alkalinity (as CaCO <sub>3</sub> )	IS: 3025 (P- 23)	37.0	mg/l	200	600
11.	Fluoride (as F)	IS: 3025 (P- 60)	0.58	mg/l	1.0	1.5
12.	Sulphate (as SO <sub>4</sub> )	IS:3025 (P-24)	5.8	mg/l	200	400
13.	Magnesium (as Mg)	IS:3025 (P-46)	4.37	mg/l	30	100

CHECKED BY

AUTHORIZED SIGNATORY

#### 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.



# 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

+91 9911659800, 9305780312, 09958849764

Report Code: W-130224-04, Page- 2 of 2

## SENSORY REQUIREMENT

RESULTS				
S. No.	Parameter	Test Method	Results	Required as per IS-10500:2012
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-10500:2012
1.	<i>Escherichia coli</i>	IS-1622:1981	Absent	Absent/100ml
2.	<i>Coliform Bacteria</i>	IS-1622:1981	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

  
CHECKED BY

  
AUTHORIZED SIGNATORY

### 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.