

EQUINOX TEST REPORT

Reference Number : EQNX:001:LAB: W:22:09:01129

ULR-TC682022000038292F

PARTICULARS OF SAMPLE ANALYSED

Client Name	Nehru International Public School	Sampling Protocol	SOP-ENV-01-01 & SOP-MCB-39-00
Address	U-1, Sector 11, City: Noida, State: Uttar Pradesh Country: India, Pincode : 201301	Date of Sampling	5-Sep-22
Contact Person	Neetu Gupta	Date of Receipt	6-Sep-22
Sampling Location	1st Floor, Drinking Water Area	Date of Start of Analysis	6-Sep-22
Sample Description	Drinking Water	Date of End of Analysis	9-Sep-22
Sample Drawn By	Equinox Labs - Ankit Kumar	Date of Report	12-Sep-22
Sample Quantity & Condition	1 Ltr. water in a white HDPE bottle and 250ml water in a sterilized plastic bottle. Both bottles are intact without any leaks.		

RESULTS OF ANALYSIS

Sr. No.	Chemical Parameters	Units	Methods	Results of Analysis	Desirable Limits (IS 10500:2012)
1	Turbidity	N.T.U	IS:3025:Part 10:1984 Reaff 2017	<1.0	Max 1
2	Colour	True Color units	IS:3025:Part 4:2021	<1.0	Max 5
3	pH-Value	-	IS:3025:Part 11:1983 Reaff 2017	7.14	6.5-8.5
4	Taste	-	IS:3025:Part 8:1984 Reaff 2017	Agreeable	Agreeable
5	Odour	-	IS:3025:Part 5: 2018	Agreeable	Agreeable
6	Electrical Conductivity	µS / cm	IS 3025:Part 14: 2013 Reaff 2019	122.0	Not specified
7	Total Dissolved Solids	mg / l	IS:3025:Part 16:1984 Reaff 2017 Amnd. 1	80.0	Max 500
8	Total Alkalinity, as CaCO ₃	mg / l	IS 3025 : Part 23 : 1986 Reaff 2019	24.7	Max 200
9	P- Alkalinity, as CaCO ₃	mg / l	IS 3025 : Part 23 : 1986 Reaff 2019	<1.0	Not specified
10	Total Hardness, as CaCO ₃	mg / l	IS 3025 : Part 21 : 2009 Reaff 2019	34.0	Max 200
11	Chlorides, as Cl	mg / l	IS 3025 : Part 32 : 1988 Reaff 2019	10.8	Max 250
12	Calcium, as Ca	mg / l	IS 3025 : Part 40 : 1991 Reaff 2019 Amnd.1	6.8	Max 75
13	Magnesium, as Mg	mg / l	IS 3025 : Part 46 : 1994 Reaff 2019 Amnd.2	4.1	Max 30
14	Reactive Silica, As SiO ₂	mg / l	IS 3025 : Part 35 : 1988 Reaff 2019	<1.0	Not specified
15	Sulphates, as SO ₄	mg / l	IS:3025 Part 24:1986 Reaff 2019	<1.0	Max 200

Sr. No.	Microbiological Parameters	Units	Methods	Results of Analysis	Desirable Limits (IS 10500:2012)
1	Total Bacterial Count	cfu / ml	IS:1622:1981 Reaffirmed 2019	2.7 x 10 ¹	Not specified
2	Coliform	cfu / 100 ml	IS:15185:2016	Not Detectable	Not Detectable
3	Escherichia coli	cfu / 100 ml		Not Detectable	Not Detectable

Remark: The sample conforms to IS 10500 : 2012 for the parameters tested.


 Technical Manager - Microbiology
 (Authorised Signatory)
 Mrs. S. Gunjal



TC-0020


 Quality Manager
 (Authorised Signatory)
 Mrs Manisha Kharade

Note:

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