

Ref.No.Z.O.XIII/ZHO-XIII/08/2024

GREATER CHENNAI CORPORATION  
PUBLIC HEALTH DEPARTMENT  
ZONE XIII

Date : 06.08.2024



### SANITARY CERTIFICATE

I hereby declare that the building and premises of **D.A.V. PUBLIC SCHOOL, No.19, Sitaram Nagar, Velachery, Chennai – 600 042, India** have been inspected on **01.08.2024** and certify that the accommodation provided for each of the several classes, is sufficient for the maximum number of peoples taught there in and that the building is properly ventilated and illuminated; that it is maintained in substantial repair, that it is neat and clean ; that the latrine arrangements are adequate and satisfactory ; that the supply of drinking water is wholesome and good and that in all other aspects the sanitation is good and proper hygiene is maintained. The Sanitary condition is satisfactory for the year **2024-2025**.

*C. S. Subramanian*  
SANITARY INSPECTOR  
Div-177

*K. V. S.*  
SANITARY OFFICER  
UNIT - 39

*S. A. S.*  
ZONAL HEALTH OFFICER  
ZONE-XIII

*8/8/24*  
ZONAL HEALTH OFFICER  
ZONE 13  
GREATER CHENNAI CORPORATION

*Shyama*  
PRINCIPAL  
D.A.V. PUBLIC SCHOOL  
19, SITARAM NAGAR,  
VELACHERY, CHENNAI - 600 042.

*H. V. S.*  
MANAGER  
D.A.V. PUBLIC SCHOOL  
19, SITARAM NAGAR,  
VELACHERY, CHENNAI - 42.

Ref.No.Z.O.XIII/ZHO-XIII/08/5/2024

GREATER CHENNAI CORPORATION  
PUBLIC HEALTH DEPARTMENT  
ZONE XIII

Date : 06.08.2024



### SANITARY CERTIFICATE

I hereby declare that the building and premises of **D.A.V. PUBLIC SCHOOL, No.131&132, 2<sup>nd</sup> Main Road, Bhuvaneshwari Nagar, Velachery, Chennai – 600 042, India** have been inspected on **01.08.2024** and certify that the accommodation provided for each of the several classes, is sufficient for the maximum number of peoples taught there in and that the building is properly ventilated and illuminated; that it is maintained in substantial repair, that it is neat and clean ; that the latrine arrangements are adequate and satisfactory ; that the supply of drinking water is wholesome and good and that in all other aspects the sanitation is good and proper hygiene is maintained. The Sanitary condition is satisfactory for the year **2024-2025**.

*C. S. Subramanian*  
SANITARY INSPECTOR  
Div-177

*[Signature]*  
SANITARY OFFICER  
UNIT - 39  
8/8/24

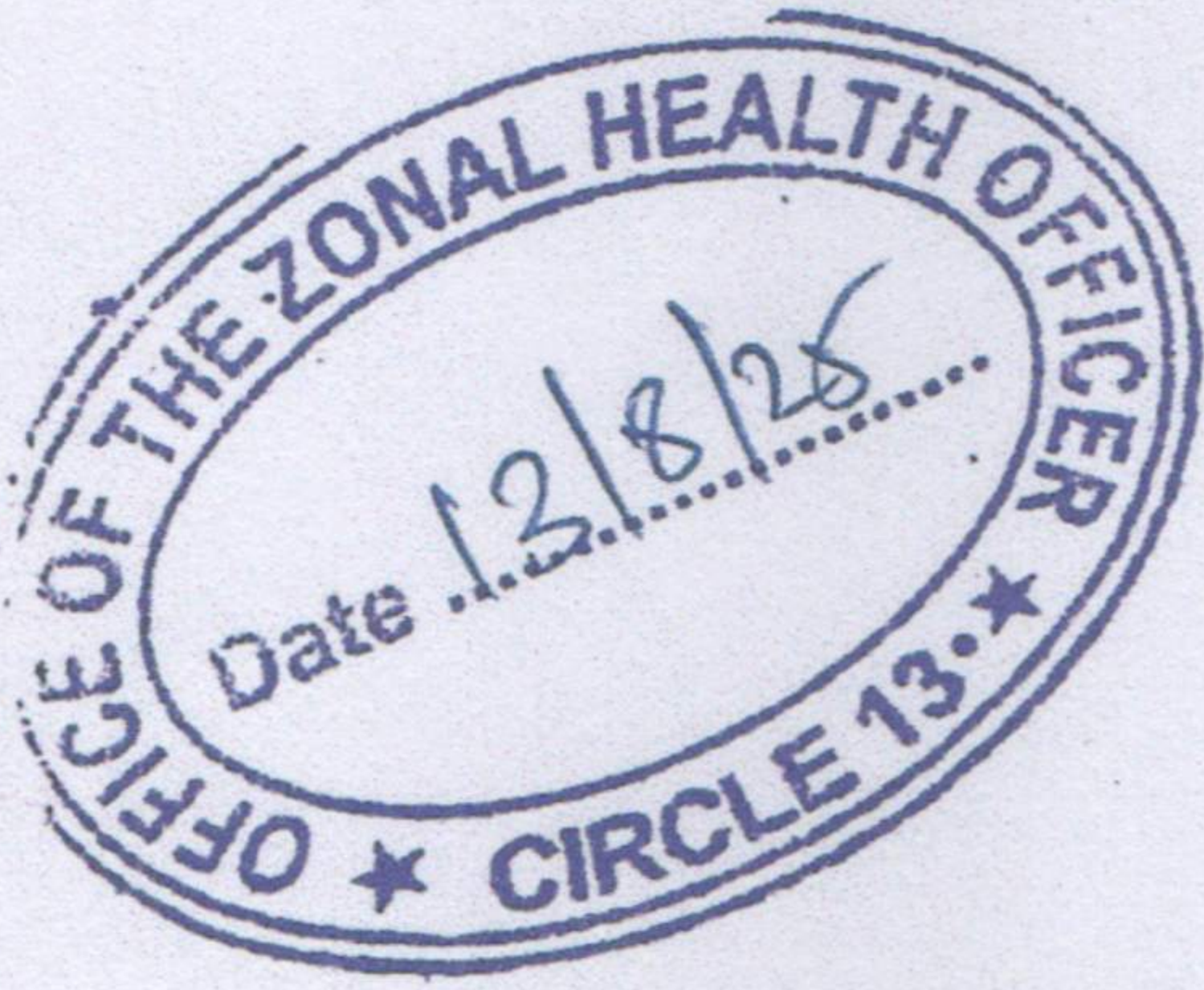
*[Signature]*  
ZONAL HEALTH OFFICER  
ZONE-XIII  
ZONAL HEALTH OFFICER  
ZONE 13

GREATER CHENNAI CORPORATION

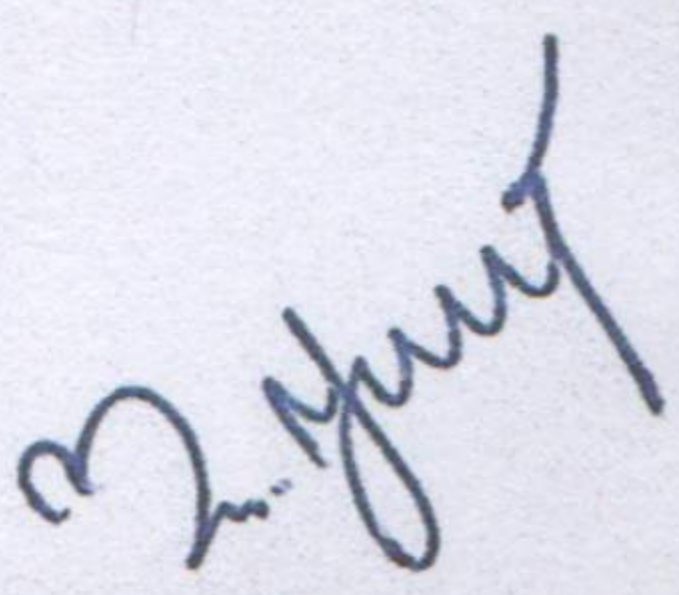
*[Signature]*  
PRINCIPAL  
D.A.V. PUBLIC SCHOOL  
19, SITARAM NAGAR,  
VELACHERY, CHENNAI - 600 042.

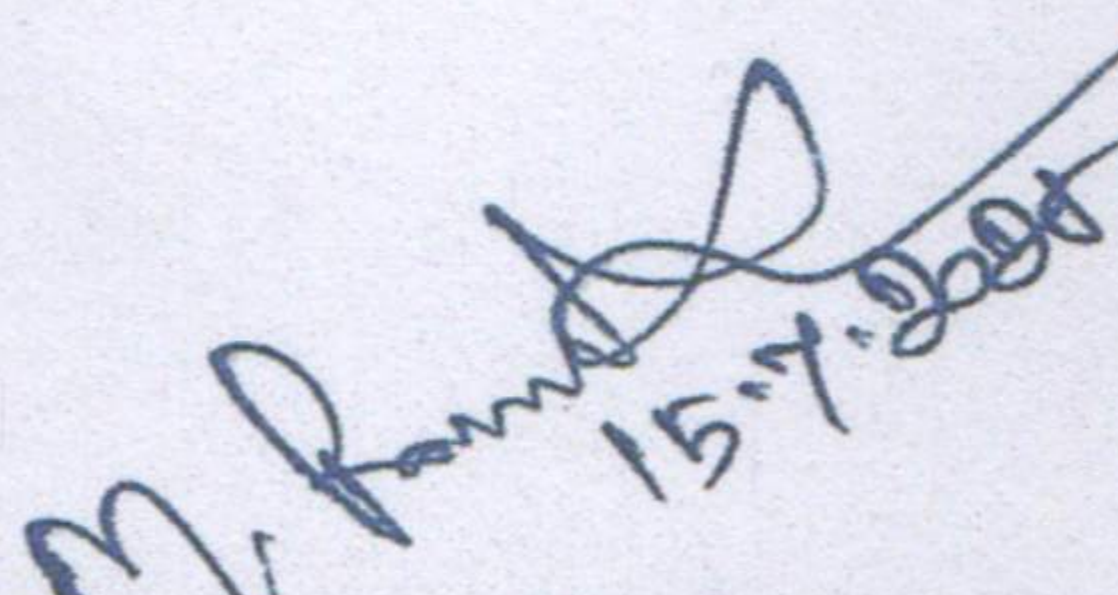
*[Signature]*  
MANAGER  
D.A.V. PUBLIC SCHOOL  
19, SITARAM NAGAR,  
VELACHERY, CHENNAI - 42.

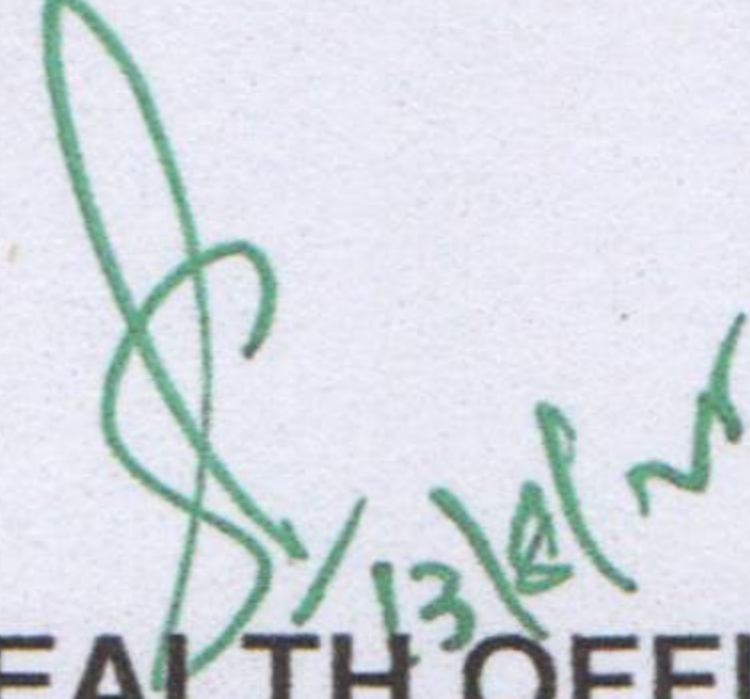


GREATER CHENNAI CORPORATION  
PUBLIC HEALTH DEPARTMENT  
ZONE-XIIISANITARY CERTIFICATE

I hereby declare that the building and premises of D.A.V PUBLIC SCHOOL, No.130&135, 2<sup>nd</sup> Main Road, Bhuvanewari Nagar, Velachery, Chennai - 600 042 been inspected on 05.07.2025 and certify that the accommodation provided for each of the several rooms, is sufficient for the maximum number of pupils taught there in and that the building is properly ventilated and lighted, that is maintained in substantial repair, that it is neat and clean, that the latrine arrangement are adequate and satisfactory that the supply of drinking water is wholesome and that in all other aspects the sanitation is good and proper hygiene is maintained. The Sanitary condition is satisfactory for the year 2025- 2026

  
SANITARY INSPECTOR  
DIVISION-177

  
SANITARY OFFICER  
UNIT- 39

  
ZONAL HEALTH OFFICER  
ZONE 13  
ZONAL HEALTH OFFICER  
ZONE 13  
GREATER CHENNAI CORPORATION

  
PRINCIPAL  
D.A.V. PUBLIC SCHOOL  
19, SITARAM NAGAR,  
VELACHERY, CHENNAI - 600 042.

  
MANAGER  
D.A.V. PUBLIC SCHOOL  
19, SITARAM NAGAR,  
VELACHERY, CHENNAI - 42.



**Duplicate Copy**

**Telephone: 044-29997572.**



**DEPARTMENT OF PUBLIC HEALTH AND PREVENTIVE MEDICINE**

**From:**

Tmt.L.Sujatha, M.Sc.,M.A.,B.Ed.,  
CHIEF WATER ANALYST,  
Chief Water Analysis Laboratory,  
King Institute Campus,  
Guindy, Chennai – 600 032

**To:**

The Teacher In-charge,  
D.A.V. Public School,  
No.19, Sitaram Nagar,  
Velachery,  
Chennai - 600 042.

**R.No.1217/C/2024 Misc-218 & 219 Dated: 04.06.2024.**

Madam,

Sub : Report on examination of Water samples - Regarding.

Ref : Your Lr. DAVPS/C/12/2024-25 Dated 07.05.2024.

\*\*\*\*\*

Two samples of water stated to have been collected on 20.05.2024 by Tmt. Sujatha from the following sources/Points located within the premises of D.A.V. Public School, No.19, Sitaram Nagar, Velachery, Chennai-42 were received at this laboratory on the same day from the addressee to assess their suitability for drinking purposes.

1. Water from the Sump (Source : Bore well ) (MISC 218)
2. Water from RO plant outlet (Source : Bore well) at Third Floor Terrace (MISC 219)

The Results of analysis are furnished over leaf.

**1. Water from the Sump (Source : Bore well ) (MISC 218)**

The sample of water is colourless and clear in physical appearance.

Chemical analysis reveals that it is very hard and considered to be acceptable chemical quality for drinking purposes.

However, it is of poor bacteriological quality for drinking purposes as evidenced by the presence of E-Coli Organisms of faecal origin.

Microscopical Examination also reveals the presence of certain Algal and Zoo forms.

Hence the source of water needs disinfection before consumption.

# RESULTS OF EXAMINATION OF SAMPLES OF WATER

From : The Teacher In-charge, D.A.V. Public School, No.19, Sitaram Nagar,  
Velachery, Chennai – 600 042.

Collected by : Tmt.Sujatha.

M – 218

M – 219

Date of Collection : 20.05.2024		Water from the Sump (Source : Bore well )	Water from RO plant outlet (Source : Bore well ) at Third Floor Terrace	Maximum permissible limit for drinking water as per BIS 10500/2012
Date of Receipt : 20.05.2024				
Source as per label:				
Bacteriological Examination	Total colonies per ml on agar at 37°C	200	60	10
	MPN of Coliform bacteria per 100 ml.	460	460	0
	Nature of Coliform bacteria isolated		Klebsiella Aerogenes II	absent
	Rapid Test for Ecoli	E Coli - I		
Physical Examination	Colour	Colourless	Colourless	Colourless
	Turbidity (Units)	5	3	5
	Smell	None	None	None
Chemical Examination (in mg/l).	Total dissolved Solids	1600	60	2000
	Carbonate hardness as CaCO <sub>3</sub>	440	10	-
	Non- Carbonate hardness as CaCO <sub>3</sub>	140	0	-
	Total hardness as CaCO <sub>3</sub>	580	10	600
	Chloride as Chlorine	310	10	1000
	Ammoniacal nitrogen	-	-	Nil
	Albuminoid nitrogen	-	-	Nil
	Oxygen absorbed (Tidy's test)	0.96	0.48	-
	Nitrate-nitrogen	2.0	1.0	10.2
	Alkalinity } Phenolphthalein as CaCO <sub>3</sub> } Methyl Orange	0	0	-
		440	18	600
	Fluoride as Fluorine	0.4	0.2	1.5
	PH.	7.3	7.4	6.5-8.5
	Iron as Fe Total	0.15	Nil	1.0
	Ferrous	Nil	Nil	--
	Manganese as Mn.	Nil	Nil	0.3
	Qualitative-			
	Nitrite nitrogen	Trace	Trace	Trace
	Sulphate	Present	Trace	400
	Phosphate	Trace	Trace	Trace
	Toxic substances			
	Electrical conductivity (Reciprocal megohms per Cm <sup>3</sup> at 25°C)	2290	80	-
Microscopical Examination		Spirogyra, Monas & Amorphous Matter	Amorphous Matter	



### Method of Disinfection :

The disinfection is usually carried out by chlorinating the water collected from the source at the storage units (OHT/ Sump) by using 4 gms of BIS grade bleaching powder containing 32 to 34 % of chlorine content or 20 ml of 4 to 6 % sodium hypochlorite solution for every 1000 litres of water with half an hour contact time before distribution.

The Sump should be cleaned with strong bleaching powder solution to ensure hygienic safety of drinking water storage unit.

### 2. Water from RO plant outlet (Source : Bore well ) at Third Floor Terrace. (MISC 219)

The above sample of RO water is colourless and clear in physical appearance.

Chemical analysis reveals that it is very soft and less mineralized. Even though it is of usable chemical quality for drinking, the total hardness is too low with only 10 mg/l. The calcium and magnesium elements are almost removed from this water, which are very essential for healthy living of human beings. Consumption of such RO water having low content of hardness would be deleterious to the health of human beings including growing children.

It is of poor Bacteriological quality for drinking purposes as evidenced by the presence of coliform group of organisms.

Hence, it is advised that the firm that installed the R.O. unit should be contacted with this analytical report and set right the RO unit in such a way that the outlet water should contain atleast a minimum content of total hardness of 30 mg/l so as to have some amount of calcium and magnesium and set right the defects in the R.O unit to get bacteria free water to ensure hygienic safety at all time.

Copy to: Lab & File

*S. Y. Aravindan*  
19.12.2024  
for CHIEF WATER ANALYST,  
Chief Water Analysis Laboratory,  
Guindy, Chennai - 32.

*[Signature]*  
19/12/24



National Accreditation Board for  
Testing and Calibration Laboratories

**CERTIFICATE OF ACCREDITATION**

**CHENNAI TESTING LABORATORY PRIVATE LIMITED**

has been assessed and accredited in accordance with the standard

**ISO/IEC 17025:2017**

**"General Requirements for the Competence of Testing &  
Calibration Laboratories"**

for its facilities at

A-SUPER 19, TVK INDUSTRIAL ESTATE, GUINDY, CHENNAI, TAMIL NADU, INDIA

in the field of

**TESTING**

Certificate Number: TC-6133

Issue Date: 08/06/2022

Valid Until: 07/06/2024

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the relevant requirements of NABL.

(To see the scope of accreditation of this laboratory, you may also visit NABL website [www.nabl-india.org](http://www.nabl-india.org))

Name of Legal Identity : CHENNAI TESTING LABORATORY PRIVATE LIMITED

Signed for and on behalf of NABL



N. Venkateswaran  
Chief Executive Officer



CIN: U93000TN2000PTC043869

## TEST REPORT

Test Report No & Date	CTL/CH/0301/2024-25 & 20.04.2024
Sample Number	0301/24-25
Name of the Customer	M/s. D.A.V Public School,
Address	No.19, Sitaram Nagar, Velachery, Chennai - 600 042.
Sample Drawn by	Laboratory
Sample Name	RO Water
Sample Description	RO Water
Sampling Location	NA
Sample Drawn on	15.04.2024 & 12.00 PM to 01.00 PM
Sample Collected by	Mr. Prince.G
Sampling Plan & Procedure	Grab Sample & CTL/QSP/09
Sample Quantity	2 Litres + 100ml (Sterile Container)
Sample Condition	Good & Received in Plastic container
Environmental Conditions	Temperature- 26°C and Humidity- 57%
Equipment used for Sampling	NA
Sample Received on	15.04.2024
Analysis Started on	15.04.2024
Analysis Completed on	20.04.2024

### Test Results:

The above sample tested as received, and results are as follows:

S. NO	PARAMETERS	METHOD	UNITS	RESULTS	Limits As per IS 10500:2012 (Reaffirmed 2018)*	
					Acceptable Limit	Permissible Limit in the Absence of Alternate source
1	Appearance	Physical Observation	-	Clear liquid	-	-
2	Colour	IS 3025 (Part 4)- 2021	HU	2	Max.5.0	Max.15.0
3	Odour	IS 3025 (Part 5) - 2018	-	Agreeable	Agreeable	Agreeable
4	Turbidity	IS 3025 (Part 10)-1984 (R.2017)	NTU	< 1	Max.1.0	Max.5.0
5	pH Value	IS 3025 (Part 11)-1983 (R.2017)	-	6.6	6.5 - 8.5	No relaxation
6	Total Dissolved Solids	IS 3025 (Part 16)-1984 (R.2017)	mg/l	22	Max.500	Max.2000
7	Total Hardness as CaCO <sub>3</sub>	IS 3025 (Part 21)- 2009 (RA.2019)	mg/l	9	Max.200	Max.600
8	Calcium as Ca	IS 3025 (Part 40)-1991 (RA.2019)	mg/l	2	Max.75	Max.200
9	Magnesium as Mg	IS 3025 (Part 46)-1994 (RA.2019)	mg/l	1	Max.30	Max.100
10	p-Alkalinity as CaCO <sub>3</sub>	IS 3025 (Part 23) - 1986 (RA.2019)	mg/l	Nil	-	-
11	Total Alkalinity as CaCO <sub>3</sub>	IS 3025 (Part 23) - 1986 (RA.2019)	mg/l	7	Max.200	Max.600
12	Chloride as Cl <sup>-</sup>	IS 3025 (Part 32)-1988 (RA.2019)	mg/l	8	Max.250	Max.1000
13	Sulphate as SO <sub>4</sub>	IS 3025 (Part 24/sec -1) - 2022	mg/l	< 1	Max.200	Max.400
14	Iron as Fe	IS 3025 (Part 53) :2003( RA 2019)	mg/l	BDL (DL: 0.01)	Max.0.3	No relaxation
15	Fluoride as F	IS 3025 (Part 60)- 2008 (RA 2019)	mg/l	BDL (DL: 0.1)	Max.1.0	Max.1.5
16	Nitrate as NO <sub>3</sub>	IS 3025 (Part 34)-1988 (RA.2019)	mg/l	0.27	Max.45	No relaxation

*[Signature]*

Verified by

For Chennai Testing Laboratory Pvt Ltd

*[Signature]*

Authorised Signatory

**A. RAJKUMAR**  
Head - Water & Soil Division  
(CHEMICAL)

Page 1 of 2

The Report shall not be used to assign, defend and for any malicious purpose.  
The Report is meant only for use of the addressee to promote his/her own business.



**TEST REPORT**

Test Report No & Date	CTL/CH/0301/2024-25 & 20.04.2024
-----------------------	----------------------------------

S. NO	PARAMETERS	METHOD	UNITS	RESULTS	Limits As per IS 10500:2012 (Reaffirmed 2018)*	
					Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate source
Microbiology:						
17	Total Coliform	IS 15185 : 2016 (R.2021)	Per 100ml	Absent	Shall not be detectable in any 100ml of sample	
18	E.coli		Per 100ml	Absent		

BDL - Below Detection Limit; DL - Detection Limit; Max. - Maximum;

\*As per Drinking Water Specification IS 10500:2012 (Reaffirmed - 2018)

**Remarks:** The sample complies the acceptable limits IS 10500: 2012 Drinking water specification with respect to the parameters tested.

Statement of conformity is applied considering Decision rule as per CTL/QSP/16

**\*\*\*END OF REPORT\*\*\***

Verified by



**For Chennai Testing Laboratory Pvt Ltd**

Authorised Signatory

**N. RAJENDRAKUMAR**  
Head - Quality & Microbiology Division  
(MICROBIOLOGY)

Page 2 of 2