

ANALYTICAL TEST REPORT

UID No. : KWL/W/24-25/12/1272 **REPORT DATE : 24.12.2024**
Site Name : **Kendriya Vidyalaya**
Site Address : **Naval Civilian Housing Colony, new Colony, kanjurmarg West, Mumbai, Maharashtra- 40078**

Particulars of Sample Submitted:


Sample Collection Date : 21.12.2024 **Sample Collected By** : Vipin (LR)
Sample Collection Time : 10:45 AM **Sample Collected In** : PET Container
Sample Received in Lab : 21.12.2024 **Test For** : Potability
Start Date of Analysis : 21.12.2024 **End Date of Analysis** : 24.12.2024
Type of Water : Corporation Water (RAW) **Source of Water** : Drinking Water Outlet


Sr. No	Test Parameters	Units	Results	Limits	Method Of Analysis
A.	Description	----	Sample is Clear, Without Sediment Suspend Particle, and Extraneous Matter	Clear, Without Sediment Suspend Particle, and Extraneous Matter	By Visual Examination
B.	ORGANOLEPTIC PARAMETERS				
1	Odour	----	Agreeable	Agreeable	IS :3025 (Part 5)
2	Taste	----	Favourable	Favourable	IS :3025 (Part 7 & 8)
C.	PHYSICAL PARAMETERS				
3	Turbidity	NTU	0	1	IS:3025 (Part 10)
4	Colour	Hazen units	3	5	IS:3025 (Part 4)
5	Total Dissolved Solids (TDS)	mg/Litre	78.0	500	IS:3025 (Part 16)
6	Electrical Conductivity	umhos/cm	120	---	IS:3025 (Part 14)
D.	CHEMICAL PARAMETERS				
7	pH Value	----	6.73	6.50-8.50	IS:3025 (Part 11)
8	Total Alkalinity (CaCO ₃)	mg/Litre	14.0	200	IS:3025 (Part 23)
9	Total Hardness (CaCO ₃)	mg/Litre	36.0	200	IS:3025 (Part 21)
10	Chlorides (as Cl)	mg/Litre	25.0	250	IS:3025 (Part 32)
11	Sulphates (as SO ₄)	mg/Litre	2.81	200	IS:3025 (Part 24)
12	Calicum (as Ca)	mg/Litre	23.1	75	IS:3025 (Part 40)
13	Magnesium (Mg)	mg/Litre	12.9	30	IS:3025 (Part 46)
14	Residual free Chlorine	mg/Litre	NIL	0.2	IS :3025 (Part 26)
15	Fluoride (as F)	mg/Litre	NIL	1	IS:3025 (Part 60)
16	Nitrate (as No ₃)	mg/Litre	2.98	45	IS:3025 (Part 34)
E.	MICROBIOLOGICAL PARAMETERS				
17	Total Coliform Bacteria	CFU/100ml	Absent	Absent	APHA 9223 B (24th Edition)
18	E-Coli Bacteria	CFU/100ml	Absent	Absent	APHA 9223 B (24th Edition)

Remarks: From the above values we confirm that the water passes in parameters to IS 10500:2012. Hence sample is fit for human consumption in above respective parameters only.

Notes: 1. Results pertain only to the sample tested. 2. samples will be retained by us for a period of 15 days. 3. Subject to Thane Jurisdiction. 4. ND - Not detected, BLQ- Below limit of quantification, NMT - Not more than, NLT - Not less than. BLD - Below Detection Limit.

*** This is an electronically generated Report ***

Approved By

Pranali Dalvi
Authorised Signatory (Biological)

Approved By

Gauyang Koli
Authorised Signatory (Chemical)

Authorised and Approved By

Mihir Patel
Authorised Signatory