



KALPIN
WATERTECH
Where Even a Drop Matters.

KALPIN WATERTECH SOLUTIONS LLP
A Water, Wastewater & Engineering Lubricants
Testing Laboratory
ISO/IEC 17025:2017 Accredited Laboratory
ISO 9001:2015 Certified



17025:2017
ACCREDITED
LABORATORY



ANALYTICAL TEST REPORT

Lab No.

KWLW 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.	Calcium (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

Gauping Koli

Authorised Signatory (Chemical)



Approved By

Mihir Patel

Authorised Signatory

[Signature]

प्रचार्य / Principal

पीएम श्री केंद्रीय विद्यालय

PM SHRI Kendriya Vidyalaya

चण्डी, मुंबई / Chandup, Mumbai

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