

**TEST REPORT**

Sample Code: TC506920000006247P	Date of Sampling	19.08.2020
Name Of the Organization : M/s. PRINCIPAL Kendriya Vidyalaya, K R Puram, Diesel Loco Shed, Krishnarajapuram, Bangalore.	Date of Receipt	19.08.2020
	Date of Analysis Started	19.08.2020
	Date of Analysis Completed	22.08.2020
	Date of Report	24.08.2020
	Environmental Condition	Ambient
Sample Particulars : Drinking Water	Sample Drawn By	Customer
Source of Collection : U V Filter	Report No	TC506920000006247P
Sampling Method : --	Condition of the Sample	Satisfactory

**RESULTS**

S. No	Parameters	Protocol	Results	Standards IS : 10500 - 2012	
				Desirable Limits	Permissible Limits
1	pH Value	IS 3025 (Part - 11) 2017	7.06	6.5 - 8.5	No Relaxation
2	Colour, Hazen Unit	IS 3025 (Part - 4) 2017	2.0	5.0 Max	15
3	Odour	IS 3025 (Part - 6) 2017	Agreeable	Agreeable	Agreeable
4	Turbidity, NTU	IS 3025 (Part - 10) 2017	0.1	1.0 Max	5.0 Max
5	Total Dissolved Solids, mg/L	IS 3025 (Part - 16) 2017	187.9	500 Max	2000 Max
6	Total Hardness as CaCO <sub>3</sub> , mg/L	IS 3025 (Part - 21) 2019	86.5	200 Max	600 Max
7	Calcium as Ca, mg/L	IS 3025 (Part - 40) 2019	21.4	75 Max	200 Max
8	Magnesium as Mg, mg/L	IS 3025 (Part - 46) 2014	8.0	30 Max	100 Max
9	Alkalinity as CaCO <sub>3</sub> , mg/L	IS 3025 (Part - 23) 2019	70.4	200 Max	600 Max
10	Chlorides as Cl, mg/L	IS 3025 (Part - 32) 2019	23.1	250 Max	1000 Max
11	Sulphates as SO <sub>4</sub> , mg/L	IS 3025 (Part - 24) 2019	9.9	200 Max	400 Max
12	Nitrates as NO <sub>3</sub> , mg/L	IS 3025 (Part - 34) 2019	7.8	45 Max	No Relaxation
13	Iron as Fe, mg/L	IS 3025 (Part - 53) 2019	0.07	1.0 Max	No Relaxation
14	Fluoride as F, mg/L	IS 3025 (Part - 60) 2019	0.1	1.0 Max	1.5
<b>Microbiological Parameters</b>					
15	E.coli, MPN/100ml	IS 1622 - 2019	Not Detected	Not Detectable	Not Detectable
16	Coliforms, MPN/100ml	IS 1622 - 2019	Not Detected	Not Detectable	Not Detectable

INFERENCE: As per IS Standards 10500 - 2012, The above tested results are within the limits.

ANALYZED BY

MICROBIOLOGIST

End of the Report



AUTHORISED SIGNATORY  
KRISHNAVENI K.  
DY. Technical Manager

**Note:**

1. The results refer only to the tested samples and applicable Parameters
2. This report not to be reproduced wholly or in part & Cannot be used as an evidence in the Court of Law
3. Samples will be stored for a period of 15 Days on receipt. Gaseous samples, Food samples and Microbiology samples will be discarded after analysis
4. Nexus Test Labs doesnot hold any responsibility for variation in test results for samples kept on hold for want of clarification
5. Not Detected can be considered as absent
6. BDL - Below Detection Limits

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