



Tumkur District Water Quality Testing Laboratory

Zilla Panchayath Compound B.H Road Tumkur - 572101, Karnataka.

Email: rdwsd.wqmstp.tumkurdistrictlab@gmail.com



TC-10996

TEST REPORT

Address of the sampling location: Venus International School , Cheluru, Gubbi taluk, Tumkur District-572117				ULR No. : TC1099623000000597F	
				Report date: 22/5/2023	
				Reference: Sample receipt Form	
				Sample receipt date: 15/5/2023	
Name and Contact Number: Venus International School 9964097813				Sample code:TUM23MAY0345	
				Date of Sample collection: 15/5/2023	
				Analysis start date: 19/5/2023	
				Analysis completion date: 19/5/2023	
				Sampling Method: APHA 23rd Edition	
Sample Particulars: Filtered water				Sample quantity:1 Liter	
Sl. No	Test	Results	Acceptable Limit IS 10500 :2012	Permissible Limit IS 10500 : 2012 RA-2018	Protocol
Description: Colourless liquid.					
1.	pH Value at 25 °C	6.52	6.5 – 8.5	No relaxation	IS 3025 (Part-11) : 2022
2.	Electrical Conductivity, µS/cm at 25 °C	221	–	–	IS 3025 (Part-14) : 2013
3.	Odour	Agreeable	Agreeable	Agreeable	IS 3025 (Part-5 & 6):2018
4.	Taste	Agreeable	Agreeable	Agreeable	IS 3025 (Part-7 & 8):1983
5.	Colour, Hazen Units	<1	5	15	IS 3025 (Part-4) :2021
6.	Turbidity, NTU	<0.5	1	5	IS 3025 (Part-10) : 1984
7.	Total Dissolved Solids @ 180°C, mg/l	132	500	2000	IS 3025 (Part-16) : 1984
8.	Alkalinity as CaCO ₃ , mg/l	80	200	600	IS 3025 (Part-23) : 1986
9.	Total Hardness as CaCO ₃ , mg/l	62	200	600	IS 3025 (Part-21) : 2009
10.	Calcium as Ca, mg/l	28	75	200	IS 3025 (Part-40) : 1991
11.	Magnesium as Mg, mg/l	8	30	100	IS 3025 (Part-46) : 1994
12.	Chloride as Cl, mg/l	26	250	1000	IS 3025 (Part-32) : 1988
13.	Sulphate as SO ₄ , mg/l	4.0	200	400	IS 3025 (Part-24/Sec 1) : 2022
14.	Fluoride as F, mg/l	BDL	1	1.5	APHA 23 rd Edition 4500- F D
15.	Nitrate as NO ₃ , mg/l	5.6	45	No relaxation	APHA 23 rd Edition 4500- NO ₃ B
16.	Iron as Fe, mg/l	BDL	1	No relaxation	IS 3025 (Part-53) : 2003
Remarks: The given sample conforms to the Permissible limits as per IS 10500: 2012, RA-2018 Drinking Water Specifications for the above tested parameters only.					
Analyzed By 				Authorized Signatory 	
Junior Analyst/TM				Technical Manager RDWSD/WQMSP/TeR/01	

Note:

- 1) The above results relate only to the sample tested.
- 2) The report shall not be reproduced except in full without the prior approval of the Quality Manager.
- 3) Traceability: Traceability of measurements is established using CRMs traceable to National/International standards.
- 4) Samples will be discarded after 15 days from the date of report generation.
- 5) Decision rule is applicable as per the procedure mentioned in RDWSD/WQMSP/DR-01
- 6) BDL: Below Detectable Limit.

-: End of Report:-





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TEST REPORT

Address of the sampling location: Veenus International School , Cheluru, Gubbi taluk, Tumkur District-572117				ULR No. : TC1099623000000596F	
				Report date: 22/5/2023	
				Reference: Sample receipt Form	
				Sample receipt date: 15/5/2023	
Name and Contact Number: Veenus International School 9964097813				Sample code:TUM23MAY0344	
				Date of Sample collection: 15/5/2023	
				Analysis start date: 19/5/2023	
				Analysis completion date: 19/5/2023	
				Sampling Method: APHA 23rd Edition	
Sample Particulars: Bore well water				Sample quantity:1 Liter	
Sl. No	Test	Results	Acceptable Limit IS 10500 :2012	Permissible Limit IS 10500 : 2012 RA-2018	Protocol
Description: Colourless liquid.					
1.	pH Value at 25 °C	6.90	6.5 – 8.5	No relaxation	IS 3025 (Part-11) : 2022
2.	Electrical Conductivity, $\mu\text{S}/\text{cm}$ at 25 °C	551	-	-	IS 3025 (Part-14) : 2013
3.	Odour	Agreeable	Agreeable	Agreeable	IS 3025 (Part-5 & 6):2018
4.	Taste	-	Agreeable	Agreeable	IS 3025 (Part-7 & 8):1983
5.	Colour, Hazen Units	<1	5	15	IS 3025 (Part-4) :2021
6.	Turbidity, NTU	<0.5	1	5	IS 3025 (Part-10) : 1984
7.	Total Dissolved Solids @ 180°C, mg/l	332	500	2000	IS 3025 (Part-16) : 1984
8.	Alkalinity as CaCO_3 , mg/l	128	200	600	IS 3025 (Part-23) : 1986
9.	Total Hardness as CaCO_3 , mg/l	214	200	600	IS 3025 (Part-21) : 2009
10.	Calcium as Ca, mg/l	58	75	200	IS 3025 (Part-40) : 1991
11.	Magnesium as Mg, mg/l	18	30	100	IS 3025 (Part-46) : 1994
12.	Chloride as Cl, mg/l	76	250	1000	IS 3025 (Part-32) : 1988
13.	Sulphate as SO_4 , mg/l	14.5	200	400	IS 3025 (Part-24/Sec 1) : 2022
14.	Fluoride as F, mg/l	0.37	1	1.5	APHA 23 rd Edition 4500- F D
15.	Nitrate as NO_3 , mg/l	17.2	45	No relaxation	APHA 23 rd Edition 4500- NO_3 B
16.	Iron as Fe, mg/l	BDL	1	No relaxation	IS 3025 (Part-53) : 2003
Remarks: The given sample conforms to the Permissible limits as per IS 10500: 2012, RA-2018 Drinking Water Specifications for the above tested parameters only.					
Analyzed By Junior Analyst/TM				Authorized Signatory Technical Manager RDWSO/WQMSP/TE/01	

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- 6) BDL: Below Detectable Limit.

-: End of Report:-

