



Tumkur District Water Quality Testing Laboratory

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

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TC-10996

TEST REPORT

Name and Contact Number: Yasmeen Sultana, 9986425354				ULR No. : TC1099623000001213F	
				Report date: 28-06-2023	
Address of the sampling location: Hindustan International School, Gowribidnur Road, Holavanahalli, Koratagere (T) Tumkur District				Reference: Sample receipt Form	
				Sample receipt date: 28-06-2023	
				Sample code:TUM23JUN0402	
				Date of Sample collection: 28-06-2023	
Sample Particulars: Filtered water				Analysis start date: 28-06-2023	
				Analysis completion date: 28-06-2023	
				Sampling Method: APHA Method	
				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 25.2 °C	6.75	6.5 – 8.5	No relaxation	IS 3025 (Part-11) : 2022
2.	Electrical Conductivity, $\mu\text{S}/\text{cm}$ at 25.2 °C	29	-	-	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	20	500	2000	IS 3025 (Part-16) : 1984
8.	Alkalinity as CaCO_3 , mg/l	BDL	200	600	IS 3025 (Part-23) : 1986
9.	Total Hardness as CaCO_3 , mg/l	BDL	200	600	IS 3025 (Part-21) : 2009
10.	Calcium as Ca, mg/l	BDL	75	200	IS 3025 (Part-40) : 1991
11.	Magnesium as Mg, mg/l	BDL	30	100	IS 3025 (Part-46) : 1994
12	Chloride as Cl, mg/l	BDL	250	1000	IS 3025 (Part-32) : 1988
13.	Sulphate as SO_4 , mg/l	1.0	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	BDL	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 Acceptable limits as per IS 10500: 2012, RA-2018 Drinking Water Specifications for the above tested parameters only.					
Analyzed By				Authorized Signatory	
Junior Analyst/TM				R.D.W & S.D. Water Testing Lab Tumkur - 572101	

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:-

