



RURAL DRINKING WATER & SANITATION DEPARTMENT, GoK
Opp. KGB Bank, Kusnoor Road, Kalaburagi, 585105

TEST REPORT					
To, The Principal, Shankar Singh Memorial Trust, Aryan English Medium School, Kalaburagi				Report date: 17.09.2021	
				Report Number:35	
				Reference: Sample receipt Form	
				Sample receipt date: 19.08.2021	
				Sample code:	
				Date of Sample collection: 19.08.2021	
				Analysis start date: 19.08.2021	
				Analysis completion date: 19.08.2021	
Sample collection protocol: IS 3025(Part-1)				Sample quantity: 1 Litre	
Sample Particulars: Clear Water					
Sl.No	Test	Results	Acceptable Limit IS 10500 : 2012 RA:2018	Permissible Limit IS 10500 : 2012 RA:2018	Protocol
Description:					
1.	pH Value @Temp 25.1 °C	6.90	6.5 – 8.5	No relaxation	IS 3025 (Part-11) : 1983
2.	Specific Conductance,µS/cm@Temp 25 °C	125	-	-	IS 3025 (Part-14) : 1984
3.	Odour	Agreeable	Agreeable	Agreeable	IS 3025 (Part-5 & 6):2018
4.	Taste	Agreeable	Agreeable	Agreeable	IS 3025,(Part-8):1983
5.	Colour, Hazen Units	-	5	15	IS 3025 (Part-4) :1983
6.	Turbidity, NTU	-	1	5	IS 3025 (Part-10) : 1984
7.	Total Dissolved Solids@ 105°C, mg/l	70	500	2000	IS 3025 (Part-16) : 1984
8.	Alkalinity as CaCO ₃ , mg/l	44	200	600	IS 3025 (Part-23) : 1986
9.	Total Hardness as CaCO ₃ , mg/l	36	200	600	IS 3025 (Part-21) : 2009
10.	Calcium as Ca, mg/l	08	75	200	IS 3025 (Part-40) : 1991
11.	Magnesium as Mg, mg/l	04	30	100	IS 3025 (Part-46) : 1994
12.	Chloride as Cl, mg/l	20	250	1000	IS 3025 (Part-32) : 1988
13.	Sulphate as SO ₄ , mg/l	0	200	400	IS 3025 (Part-24) : 1986
14.	Fluoride as F, mg/l	0.08	1	1.5	APHA 23 rd Edition
15.	Nitrate as NO ₃ , mg/l	0.5	45	No relaxation	APHA 23 rd Edition
16.	Iron as Fe, mg/l	0	1	No relaxation	IS 3025 (Part-53) : 2003
Remarks: In this Sample, all above tested parameters confirms to the Acceptable limit as per IS 10500:2012					
Analysed by: Senior Analyst/Junior Analyst/Analyst <i>Rbali</i>			Authorized Signatory: Technical Manager <i>Rbali</i>		

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.