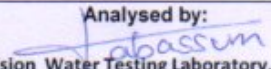





RURAL DRINKING WATER & SANITATION DIVISION,GoK
Taluk Level Water Quality Testing Laboratory
Sub Division Laboratory, Arsikere

TEST REPORT					
ADDRESS: TARALABALU SCHOOL,YADAPURA ROAD, ARSIKERE TALUK, HASSAN DISTRICT.				Report date: 04/12/2023	
				Reference: Sample receipt Form	
				Sample receipt date: 01/12/2023	
				Sample code: ASK23SEP0153	
				Date of Sample collection:01/12/23	
				Analysis start date: 04/12/2023	
				Analysis completion date: 04/12/2023	
Sample Source:: BOREWELL WATER SAMPLE				Sample collection protocol: APHA Method	
Sample quantity:1000ml					
Sl.No	Test	Results	Acceptable Limit IS 10500 : 2012 RA:2018	Permissible Limit IS 10500 : 2012 RA:2018	Protocol
Description: Odourless , colourless ,clear water sample.					
1.	pH Value @25°C	7.52	6.5 – 8.5	No relaxation	IS 3025 (Part-11) :2022
2.	Specific Conductance, $\mu\text{S}/\text{cm}@25^\circ\text{C}$	182.00	—	—	IS 3025 (Part-14) :2013
3.	Odour	Agreeable	Agreeable	Agreeable	IS 3025 (Part-5 & 6):2018
4.	Taste	Agreeable	Agreeable	Agreeable	IS 3025 (Part-8):2017
5.	Colour, Hazen Units	1	5	15	IS 3025 (Part-4) :2021
6.	Turbidity, NTU	1	1	5	IS 3025 (Part-10) : 1984
7.	Total Dissolved Solids @ 105°C, mg/l	123.94	500	2000	IS 3025 (Part-16) : 1984
8.	Alkalinity as CaCO_3 , mg/l	48	200	600	IS 3025 (Part-23) : 1986
9.	Total Hardness as CaCO_3 , mg/l	52.47	200	600	IS 3025 (Part-21) : 2009
10.	Calcium as Ca, mg/l	12.82	75	200	IS 3025 (Part-40) : 1991
11.	Magnesium as Mg, mg/l	5.83	30	100	IS 3025 (Part-46) : 1994
12.	Chloride as Cl, mg/l	23.99	250	1000	IS 3025 (Part-32) : 1988
13.	Sulphate as SO_4 , mg/l	4.85	200	400	IS 3025 (Part-24) : 2022
14.	Fluoride as F, mg/l	0.1	1	1.5	APHA 23 rd Edition
15.	Nitrate as NO_3 , mg/l	3	45	No relaxation	APHA 23 rd Edition
16.	Iron as Fe, mg/l	0.1	1	No relaxation	IS 3025 (Part-53) : 2003
Remarks: The given sample Conforms to the Acceptable Limit of IS 10500 : 2012 RA:2018 Drinking Water Specification for The above tested parameter only.					
				Analysed by:  Sub division Water Testing Laboratory, R.D.W.& S D , Arsikere.	
THE SAMPLES ARE COLLECTED AND SUBMITTED BY SCHOOL MEMBERS.					

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. Decision rule is applicable as per the procedure mentioned in RDWSD/WQMSP/DR-01.


ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಇಂಜಿನಿಯರ್
ಗ್ರಾಮೀಣ ಕುಡಿಯುವ ನೀರು ಮತ್ತು ಸ್ವಚ್ಛತೆ ಇಲಾಖೆ
ರೂರಲ್ ಡ್ರಿಂಗ್‌ವಾಟರ್-ಸಬ್ ಡಿವಿಷನ್, ಆರ್ಸಿಕೆರೆ.



RURAL DRINKING WATER & SANITATION DIVISION, GoK
Taluk Level Water Quality Testing Laboratory
Sub Division Laboratory, Arsikere

TEST REPORT					
ADDRESS: TARALABALU SCHOOL, YADAPURA ROAD, ARSIKERE TALUK, HASSAN DISTRICT.				Report date: 04/12/2023	
				Reference: Sample receipt Form	
				Sample receipt date: 01/12/2023	
				Sample code: ASK23SEP0153	
				Date of Sample collection: 01/12/23	
				Analysis start date: 04/12/2023	
				Analysis completion date: 04/12/2023	
Sample Source: WPP WATER SAMPLE				Sample collection protocol: APHA Method	
				Sample quantity: 1000ml	
Sl.No	Test	Results	Acceptable Limit IS 10500 : 2012 RA:2018	Permissible Limit IS 10500 : 2012 RA:2018	Protocol
Description: Odourless, colourless, clear water sample.					
1.	pH Value @25°C	7.40	6.5 – 8.5	No relaxation	IS 3025 (Part-11) :2022
2.	Specific Conductance, $\mu\text{S}/\text{cm}@25^\circ\text{C}$	100.20	—	—	IS 3025 (Part-14) :2013
3.	Odour	Agreeable	Agreeable	Agreeable	IS 3025 (Part-5 & 6):2018
4.	Taste	Agreeable	Agreeable	Agreeable	IS 3025 (Part-8):2017
5.	Colour, Hazen Units	1	5	15	IS 3025 (Part-4) :2021
6.	Turbidity, NTU	1	1	5	IS 3025 (Part-10) : 1984
7.	Total Dissolved Solids @ 105°C, mg/l	69.13	500	2000	IS 3025 (Part-16) : 1984
8.	Alkalinity as CaCO_3 , mg/l	36	200	600	IS 3025 (Part-23) : 1986
9.	Total Hardness as CaCO_3 , mg/l	24.22	200	600	IS 3025 (Part-21) : 2009
10.	Calcium as Ca, mg/l	6.41	75	200	IS 3025 (Part-40) : 1991
11.	Magnesium as Mg, mg/l	2.92	30	100	IS 3025 (Part-46) : 1994
12.	Chloride as Cl, mg/l	10	250	1000	IS 3025 (Part-32) : 1988
13.	Sulphate as SO_4 , mg/l	0.83	200	400	IS 3025 (Part-24) : 2022
14.	Fluoride as F, mg/l	0.1	1	1.5	APHA 23 rd Edition
15.	Nitrate as NO_3 , mg/l	1.59	45	No relaxation	APHA 23 rd Edition
16.	Iron as Fe, mg/l	0.1	1	No relaxation	IS 3025 (Part-53) : 2003
Remarks: The given sample Conforms to the Acceptable Limit of IS 10500 : 2012 RA:2018 Drinking Water Specification for The above tested parameter only.					
THE SAMPLES ARE COLLECTED AND SUBMITTED BY SCHOOL MEMBERS.				Analysed by: Sub division Water Testing Laboratory, R.D.W. & S.D. Arsikere.	

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. Decision rule is applicable as per the procedure mentioned in RDWSD/WQMSP/DR-01.

Sub division Water Testing Laboratory,
R.D.W. & S.D. Arsikere.