



RURAL DRINKING WATER & SANITATION DEPARTMENT, GoK  
District Name: Haveri Laboratory Name: Subdivision Water Quality  
Chemical Testing Laboratory Shiggaon

TEST REPORT					
Taluk : Shiggaon Village: Shiggaon Location: Disha International School, Shiggaon			Report date: 22.04.2024		
			Reference: Sample receipt Form		
			Sample receipt date: 20.04.2024		
			Sample code: SGN24APR014		
			Date of Sample collection: 20.04.2024		
			Analysis start date: 20.04.2024		
			Analysis completion date: 20.04.2024		
Sample collection protocol: IS 3025(Part-1)					
Sample Particulars: WPP			Sample quantity:1000ml		
Sl.No	Test	Results	Acceptable Limit IS 10500 : 2012 RA:2018	Permissible Limit IS 10500 : 2012 RA:2018	Protocol
Description: Colourless Liquid					
1.	pH Value @ 25°C	7.28	6.5 – 8.5	No relaxation	IS 3025 (Part-11) : 1983
2.	Specific Conductance,µS/cm@25°C	212	–	–	IS 3025 (Part-14) : 1984
3.	Odour	Agreeable	Agreeable	Agreeable	IS 3025 (Part-5 & 6):2018
4.	Taste	Agreeable	Agreeable	Agreeable	IS 3025(Part-7&8):2017
5.	Colour, Hazen Units	5	5	15	IS 3025 (Part-4) :1983
6.	Turbidity, NTU	0.4	1	5	IS 3025 (Part-10) : 1984
7.	Total Dissolved Solids@ 105°C, mg/l	138	500	2000	IS 3025 (Part-16) : 1984
8.	Alkalinity as CaCO <sub>3</sub> , mg/l	77.52	200	600	IS 3025 (Part-23) : 1986
9.	Total Hardness as CaCO <sub>3</sub> , mg/l	39.64	200	600	IS 3025 (Part-21) : 2009
10.	Calcium as Ca, mg/l	7.93	75	200	IS 3025 (Part-40) : 1991
11.	Magnesium as Mg, mg/l	4.81	30	100	IS 3025 (Part-46) : 1994
12.	Chloride as Cl, mg/l	28.71	250	1000	IS 3025 (Part-32) : 1988
13.	Sulphate as SO <sub>4</sub> ,mg/l	2.46	200	400	IS 3025 part 24:Reaffirmed 2019
14.	Fluoride as F,mg/l	0.077	1	1.5	APHA 23 <sup>rd</sup> Edition
15.	Nitrate as NO <sub>3</sub> ,mg/l	3.42	45	No Relaxation	APHA 23 <sup>rd</sup> Edition
16.	Iron as Fe,mg/l	0.010	1	No Relaxation	IS 3025 part 53: Reaffirmed 2019
Remarks: The above tested parameters conforms that are within the Acceptable limit as per the specification of IS10500:2012 RA:2018.					
Analysed by: Analyst			Verified By Assistant Executive Engineer 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.