



OFFICE OF THE EXECUTIVE ENGINEER
RURAL DRINKING WATER & SANITATION DIVISION
DISTRICT WATER QUALITY TESTING LABORATORY
Kanakadas Badavane, ZP Premises, VIJAYAPUR-586101

TEST REPORT

To, Principal, Shri Basaveshwar Temple International School, Basavan Bagewadi-586203				Report date: 09/04/2026	
				Reference: Sample receipt Form	
				Sample code: -----Vij26UApr001	
				Sample receipt date :07/04/2026	
				Date of Sample collection: 07/04/2026	
				Analysis start date: 08/04/2026	
				Analysis completion date: 08/04/2026	
Sample Particulars: Borewell Water				Sample collection protocol: APHA Method	
				Sample quantity: 1ltr	
Sl. No	Test	Results	Acceptable Limit IS 10500 : 2012	Permissible Limit IS 10500:2012	Test Method
Description: Colourless liquid					
1	pH Value @ 25°C	7.67	6.5 – 8.5	No relaxation	IS 3025 (Part-11) : 2022
2	Specific Conductance, $\mu\text{S}/\text{cm}$ @ 25°C	2184	-	-	IS 3025 (Part-14) :RA2019
3	Odour	Agreeable	Agreeable	Agreeable	IS 3025 (Part-5 & 6):2018
4	Taste	-	Agreeable	Agreeable	IS 3025 (Part-8):RA2023
5	Colour, Hazen Units	05	5	15	IS 3025 (Part-4) :2021
6	Turbidity, NTU	0.4	1	5	IS 3025 (Part-10) :RA2017
7	Total Dissolved Solids, mg/l @ 180°C	1404	500	2000	IS 3025 (Part-16) : 2023
8	Alkalinity as CaCO_3 , mg/l	330	200	600	IS 3025 (Part-23) :2023
9	Total Hardness as CaCO_3 , mg/l	612	200	600	IS 3025 (Part-21) :RA2019
10	Calcium as Ca, mg/l	140.8	75	200	IS 3025 (Part-40) :RA2019
11	Magnesium as Mg, mg/l	63.31	30	100	IS 3025 (Part-46):2023
12	Chloride as Cl, mg/l	310	250	1000	IS 3025 (Part-32):RA:2019
13	Sulphate as SO_4 , mg/l	255	200	400	IS 3025 (Part-24/1) : 2022
14	Fluoride as F, mg/l	0.75	1.0	1.5	APHA 23 rd Edition
15	Nitrate as NO_3 , mg/l	50.9	45	No relaxation	APHA 23 rd Edition
16	Iron as Fe, mg/l	0.12	1.0	No relaxation	IS 3025 (Part-53):RA:2019
Remark : The above tested Parameters in respect of Total Hardness Exceeds the Permissible limits & Nitrate Beyond the Acceptable Limit as per IS 10500, 2012 Drinking Water Specifications.					
Authorized Signatory: Laxman Shirwal (Sr-Analyst)					



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TEST REPORT

To, Principal, Shri Basaveshwar Temple International School, Basavan Bagewadi-586203				Report date: 09/04/2026 Reference: Sample receipt Form Sample code: -----VIJ26UApr002 Sample receipt date :07/04/2026 Date of Sample collection: 07/04/2026 Analysis start date: 08/04/2026 Analysis completion date: 08/04/2026 Sample collection protocol: APHA Method Sample quantity: 1ltr		
Sample Particulars: Drinking Water (RO)				Acceptable Limit IS 10500 : 2012	Permissible Limit IS 10500:2012	Test Method
Sl. No	Test	Results				
Description: Colourless liquid						
1	pH Value @ 25°C	6.69	6.5 – 8.5	No relaxation	IS 3025 (Part-11) : 2022	
2	Specific Conductance, $\mu\text{S}/\text{cm}$ @ 25°C	102	-	-	IS 3025 (Part-14) : RA2019	
3	Odour	Agreeable	Agreeable	Agreeable	IS 3025 (Part-5 & 6):2018	
4	Taste	Agreeable	Agreeable	Agreeable	IS 3025 (Part-8):RA2023	
5	Colour, Hazen Units	05	5	15	IS 3025 (Part-4) : 2021	
6	Turbidity, NTU	0.1	1	5	IS 3025 (Part-10) : RA2017	
7	Total Dissolved Solids, mg/l @ 180°C	68.0	500	2000	IS 3025 (Part-16) : 2023	
8	Alkalinity as CaCO_3 , mg/l	20.1	200	600	IS 3025 (Part-23) : 2023	
9	Total Hardness as CaCO_3 , mg/l	36.0	200	600	IS 3025 (Part-21) : RA2019	
10	Calcium as Ca, mg/l	08	75	200	IS 3025 (Part-40) : RA2019	
11	Magnesium as Mg, mg/l	3.89	30	100	IS 3025 (Part-46):2023	
12	Chloride as Cl, mg/l	18.0	250	1000	IS 3025 (Part-32):RA:2019	
13	Sulphate as SO_4 , mg/l	1.20	200	400	IS 3025 (Part-24/1) : 2022	
14	Fluoride as F, mg/l	0.10	1.0	1.5	APHA 23 rd Edition	
15	Nitrate as NO_3 , mg/l	7.74	45	No relaxation	APHA 23 rd Edition	
16	Iron as Fe, mg/l	0.09	1.0	No relaxation	IS 3025 (Part-53):RA:2019	
Remark : The above tested Parameters in respect of all parameters are within the Acceptable Limit as per IS 10500, 2012 Drinking Water Specifications.						
				Authorized Signatory: Laxman Shirwal (Sr. Analyst)		