



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,  
BAS International School,  
Hadalageri, Nidagundi Road,  
Muddebihal-586212

Report date: 31/07/2025  
Reference: Sample receipt Form  
Sample receipt date :31/07/2025  
Sample code: -----Vij25UJul06  
Date of Sample collection: 31/07/2025  
Analysis start date: 31/07/2025  
Analysis completion date: 31/07/2025  
Sample collection protocol: APHA Method  
Sample quantity: 1ltr

Sample Particulars: Drinking water (RO)

Sl. No	Test	Results	Acceptable Limit IS 10500 : 2012	Permissible Limit IS 10500:2012	Test Method
Description: Colourless liquid					
1	pH Value @ 25°C	6.51	6.5 – 8.5	No relaxation	IS 3025 (Part-11) : 2022
2	Specific Conductance, $\mu S/cm$ @ 25°C	60	-	-	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	40	500	2000	IS 3025 (Part-16) : 2023
8	Alkalinity as $CaCO_3$ , mg/l	16.0	200	600	IS 3025 (Part-23) :2023
9	Total Hardness as $CaCO_3$ , mg/l	12.0	200	600	IS 3025 (Part-21) :RA2019
10	Calcium as Ca, mg/l	3.2	75	200	IS 3025 (Part-40) :RA2019
11	Magnesium as Mg, mg/l	0.97	30	100	IS 3025 (Part-46):2023
12	Chloride as Cl, mg/l	10.0	250	1000	IS 3025 (Part-32):RA:2019
13	Sulphate as $SO_4$ , mg/l	5.8	200	400	IS 3025 (Part-24/1) : 2022
14	Fluoride as F, mg/l	0.05	1.0	1.5	APHA 23 <sup>rd</sup> Edition
15	Nitrate as $NO_3$ , mg/l	1.05	45	No relaxation	APHA 23 <sup>rd</sup> Edition
16	Iron as Fe, mg/l	0.03	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)

*MSR*  
31/07/2025

Senior,  
District Water Quality Testing  
Laboratory, Vijayapura.

