



KALABURAGI DISTRICT WATER QUALITY TESTING LABORATORY
RURAL DRINKING WATER & SANITATION DEPARTMENT, GoK
Opp KGB Bank, Kusnoor Road, Kalaburagi-585105
Email ID : rdwsd.wqmspkalaburagi@gmail.com

To,
Pratibha Internation English Medium,
Pre Primary and High School,
Rajnal Road Near Mairad Sidar, Kamalapur,
District Kalaburagi.

Report date: 05.11.2025
Report Number: 0009
Reference: Sample receipt Form
Sample receipt date: 04.11.2025
Sample code: KBR25November 0009
Date of Sampling: 04.11.2025
Analysis start date : 04.11.2025
Analysis completion date : 04.11.2025
Environmental Condition: Temp-24.8 °C
Sample collection protocol: APHA METHOD
Sample quantity: 1Litre

Sample Particulars: Ro Plant

Sl.No	Test	Results	Acceptable Limit IS 10500 : 2012 RA:2018	Permissible Limit IS 10500 : 2012 RA:2018	Protocol
Description: Clear Sample					
1.	pH Value @Temp 24.9 °C	7.71	6.5-8.5	No relaxation	IS 3025 (Part-11) : 2022
2.	Specific Conductance, µS/cm@ Temp 24.9 °C	132	-	-	IS 3025 (Part-14) : 2013
3.	Odour	Agreeable	Agreeable	Agreeable	IS 3025 (Part-5 & 6):2018
4.	Colour, Hazen Units	02	5	15	IS 3025 (Part-4) :2023
5.	Turbidity, NTU	0.2	1	5	IS 3025 (Part-10) :2023
6.	Total Dissolved Solids@ 180°C, mg/l	91	500	2000	IS 3025 (Part-16) : 2023
7.	Alkalinity as CaCO ₃ , mg/l	31.4	200	600	IS 3025 (Part-23) : 2023
8.	Total Hardness as CaCO ₃ , mg/l	36.4	200	600	IS 3025 (Part-21) : 2009
9.	Calcium as Ca, mg/l	08	75	200	IS 3025 (Part-40) : 1991
10.	Magnesium as Mg, mg/l	3.9	30	100	IS 3025 (Part-46) : 2023
11.	Chloride as Cl, mg/l	27.6	250	1000	IS 3025 (Part-32) : 1988
12.	Sulphate as SO ₄ , mg/l	00	200	400	IS 3025 (Part-24) : 2022
13.	Fluoride as F, mg/l	0.014	1	1.5	APHA 24 th Edition
14.	Nitrate as NO ₃ , mg/l	00	45	No relaxation	APHA 24th Edition
15.	Iron as Fe, mg/l	0.1	1	No relaxation	IS 3025 (Part-53) : 2003

Remarks : The above Tested Parameter Conforms Acceptable Limit of IS 10500:2012 RA:2018 Drinking Water Specification

Authorized Signatory:
Technical Manager:(Rachamma Manchal)
Junior Analyst:(Saibanna)

Note:

RDWSD/WQMSP/DR-01

1. The above results relate only to the sample tested & sample is drawn by the laboratory.
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

