





RURAL DRINKING WATER & SANITATION DEPARTMENT, GoK

Water Quality Testing Laboratory Sub Division, Pandavapura

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TEST REPORT

TALUK: PANDAVAPURA			Report date: 13.10.2025		
LOCATION: S.E.T PUBLIC SCHOOL MELUKOTE			Reference: Sample receipt form		
			Sample code : PAN25 OCT01		
			Date of Sample collection: 09.10.2025		
			Analysis start date: 10.10.2025		
			Analysis completion date: 10.10.2025		
			Sample collection protocol: APHA(23rd Edition)1060		
Sample Particulars: RO WATER			Sample quantity: 1 Ltr		
Sl.No	Test Parameter	Results	Acceptable Limit IS 10500 : 2012	Permissible Limit IS 10500 : 2012	Test Methods
1	Colour, Hazen Units	<1	5	15	IS 3025 (Part-4) : 2021
2	Odour	Agreeable	Agreeable	not Agreeable	IS 3025 (Part-5) : 2018
3	pH Value @Temp	7.04	6.5 - 8.5	No relaxation	IS 3025 (Part-11) : 2022
4	Turbidity, NTU	<0.5	1	5	IS 3025 (Part-10) : 2023
5	Specific Conductance, $\mu\text{S}/\text{cm}$ @ Temp	173.2	-	-	IS 3025 (Part-14) : 2013
6	Total Dissolved Solids @180°C, mg/l	86.6	500	2000	IS 3025 (Part-16) : 2023
7	Alkalinity as CaCO_3 , mg/l	48.4	200	600	IS 3025 (Part-23) : 2023
8	Total Hardness as CaCO_3 , mg/l	64.4	200	600	IS 3025 (Part-21) : 2009
9	Calcium as Ca, mg/l	6.8	75	200	IS 3025 (Part-40) : 1991
10	Magnesium as Mg, mg/l	2.8	30	100	IS 3025 (Part-46) : 2023
11	Chloride as Cl, mg/l	4.6	250	1000	IS 3025 (Part-32) : 1988
12	Fluoride as F, mg/l	<0.1	1	1.5	APHA 23 rd Edition 4500-F:D
13	Sulphate as SO_4 , mg/l	0.6	200	400	IS 3025 (Part-24/Sec 1) : 2022
14	Nitrate as NO_3 , mg/l	1.56	45	No relaxation	APHA 23 rd Edition 4500-NO3-B
15	Iron as Fe, mg/l	<0.1	1	No relaxation	IS 3025 (Part-53) : 2003
Remark: All the above Tested Parameter Conforms Permissible Limit, As per IS 10500:2012 Specification.					
 ANALYST			 Assistant Executive Engineer RDWS Sub Division Pandavapura		

RDWSD/WQMSP/THR/01

Date:

- 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 RDWS/WQMSP/DR-01.