



RURAL DRINKING WATER & SANITATION DEPARTMENT, GoK

District Water Quality Testing Laboratory Mandya
O/o Executive Engineer, Rural Drinking Water & Sanitation Division,

Opp.Rural Police Station, Bannuru road, Mandya 571401

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TEST REPORT					
BHARATHI SCHOOL OF EXCELLENCE			Report date:16.12.2024		
BHARATHI NAGARA			Reference:Sample receipt from		
MADDUR(TQ).MANDYA(DIST)			Sample code:PVT24DEC0003		
KARNATAKA-571422			Date of Sample collection: 12.12.2024		
			Date of Sample receipt:12.12.2024		
			Analysis start date: 13.12.2024		
			Analysis completion date: 13.12.2024		
Sample Particulars:DRINKING WATER (RO)			Sample collection protocol: APHA(23rd Edition)1060		
Sl.No	Test Parameter	Results	Acceptable Limit IS	Permissible Limit IS	Test Methods
1	Colour, Hazen Units	< 1	5	15	IS 3025 (Part-4) :2021
2	Odour	Agreeable	Agreeable	Agreeable	IS 3025 (Part-5):2018
3	pH Value @Temp	6.50@ 25°C	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	107.5 $\mu\text{S}/\text{cm}$ @ 25°C	–	–	IS 3025 (Part-14) :2013
6	Total Dissolved Solids @180°C, mg/l	64	500	2000	IS 3025 (Part-16) : 2023
7	Alkalinity as CaCO_3 , mg/l	25	200	600	IS 3025 (Part-23) : 1986
8	Total Hardness as CaCO_3 , mg/l	48	200	600	IS 3025 (Part-21) : 2009
9	Calcium as Ca, mg/l	14	75	200	IS 3025 (Part-40) : 1991
10	Magnesium as Mg, mg/l	3.2	30	100	IS 3025 (Part-46) : 2023
11	Chloride as Cl, mg/l	9.9	250	1000	IS 3025 (Part-32) : 1988
12	Fluoride as F, mg/l	0.13	1	1.5	APHA 24thEdition4500-F:D
13	Sulphate as SO_4 , mg/l	3	200	400	IS 3025 (Part-24/Sec 1) : 2022
14	Nitrate as NO_3 , mg/l	8.84	45	No relaxation	APHA 24thEdition4500-NO3-B
15	Iron as Fe, mg/l	<0.1	1	No relaxation	IS 3025 (Part-53) : 2024
Remark: All the above Tested parameter Conforms Acceptable Limit,As per IS 10500:2012 Specification.					
					Authorized Signatory:
					Technical Manager
					(JAYASHEELA R S)

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.