



RURAL DRINKING WATER & SANITATION DEPARTMENT, GoK
RURAL WATER SUPPLY & SANITATION SUB- DIVISION LABORATORY
 Sharada Colony, Before GLBC, Jamkhandi-587301
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TEST REPORT

Location : Shri Sai Sankalp Kannadda Medium HPS Habitation: Madhurkhandi Village : Madhurkhandi G P : Madhurkhandi Taluka : Jamkhandi District : Bagalkot			Report date	:	16-04-2024
			Report Number	:	JKDAPR0004
			Reference	:	Sample receipt Form
			Sample receipt date	:	15-04-2024
			Sample code	:	JKD2024APR0004
			Date of Sample Collection	:	15-04-2024
			Analysis start date	:	16-04-2024
			Analysis completion date	:	16-04-2024
Sample collection protocol : APHA Method					
Sample Particulars: RO			Sample quantity : 1000ml		
Sl.No	Test	Results	Acceptable Limit is 10500 :2012	Permissible Limit is 10500 :2012 RA:2018	Protocol
1	pH Value @Temp 25±2°C	7.42	6.5-8.5	No Relaxation	IS 3025 (part-11) :2022
2	Specific Conductance, µS/cm @Temp 25±2°C	51	-	-	IS 3025 (part-14) :2013
3	Odour	Agreeable	Agreeable	Agreeable	IS 3025 (part-5&6) :2018
4	Taste	Agreeable	Agreeable	Agreeable	IS 3025 (part-8) :2023
5	Colour, Hazen Units	<5	5	15	IS 3025 (part-4) :2021
6	Turbidity ,NTU	0.1	1	5	IS 3025 (part-10) :2023
7	Total Dissolved Solids ,@180mg/l	29.2	500	2000	IS 3025 (part-16) :2023
8	Alkalinity as CaCO ₃ ,mg/l	12.40	200	600	IS 3025 (part-23) :2023
9	Total hardness as CaCO ₃ ,mg/l	20.10	200	600	IS 3025 (part-21) :2009
10	Calcium as Ca,mg/l	4.83	75	200	IS 3025 (part-40) :1991
11	Magnesium as Mg,mg/l	1.95	30	100	IS 3025 (part-46) :2023
12	Chloride as Cl,mg/l	7.90	250	1000	IS 3025 (part-32) :1988
13	Sulphate as SO ₄ ,mg/l	1	200	400	IS 3025 (part-24, Sec.1) :2022 Method.a
14	Fluoride as F ,mg/l	0.88	1	1.5	APHA 23rd Edition
15	Nitrate as NO ₃ ,mg/l	3.81	45	No Relaxation	APHA 23rd Edition
16	Iron as Fe ,mg/l	0.02	1	No Relaxation	IS 3025 (part-53) :2003 Method.a
Remarks: The given sample conforms to the Acceptable limits of IS:10500:2012 RA2018 Drinking water specification for above tested physical & Chemical parameters only.					

RDWSD/WQMSP/TeR/1

Analysed By: **Santosh S Rebnal**
 Analyst
 Sub-Division Laboratory
 RDW & S Sub-Division
 JAMKHANDI - 587301

Authorised Signatory: J P Shetty
 Assistant Executive Engineer
Assistant Executive Engineer
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Note:

- The above results relates only to the sample tested.
- The report shall not be reproduced except in full without the prior approval of the Quality Manager.
- The Traceability : Traceability of measurements is established using CRM's traceable to National/International standards.
- Samples will be discarded after 15 days from the date of report generation.
- Decision rule is applicable as per the procedure mentioned in the RDWSD/WQMSP/DR-01.
- Sample brought by the customer