RURAL DRINKING WATER&S ANITATION DEPARTMENT, Gok WATER QUALITY TESTING LABORATORY YADGIR



Railway Station Road Near Railway Station, Yadgir-585-202

ULR No :TC -11626-0022 Report date: 31/05/2024 TO Report Number: 0022 D DEVARAJ URS HPS AND HS Reference: Sample receipt Form (Departmental) Sample receipt date: 30/05/2024 TAHASIL BESIDE WADGERA Sample code: YDG24MAY0021 DIST - YADGIR Date of Sample collection: 30/05/2024 Analysis start date: 30/05/2024 Analysis completion date: 31/05/2024 Sample collection protocol: IS 10500:2012 Sample Particulars: RO Sample quantity: 1 Liter Acceptable Permissible Limit SI.No Test Limit IS IS 10500: 2012 Results **Test Method** 10500:2012 RA:2018 RA:2018 Description: clear colorless, odorless liquid pH Value @25°C 6.5 - 8.5 No relaxation 6.74 IS 3025 (Part-11): 1983 2. Specific Conductance, µS/cm 109 IS 3025 (Part-14): 1984 3. Odour Agreeable Agreeable Agreeable IS 3025 (Part-5 & 6):2018 4. Taste Agreeable Agreeable Agreeable IS 3025 (Part-8):1983 5. Colour, Hazen Units 5 15 IS 3025 (Part-4):1983 6. Turbidity, NTU 5 0.5 IS 3025 (Part-10): 1984 Total Dissolved Solids @ 105°C, mg/l 7. 44 500 2000 IS 3025 (Part-16): 1984 8. Alkalinity as CaCO3, mg/I 13 200 600 IS 3025 (Part-23): 1986 9. Total Hardness as CaCO3, mg/I 16 200 600 IS 3025 (Part-21): 2009 10. Calcium as Ca, mg/l 10.4 75 200 IS 3025 (Part-40): 1991 11. Magnesium as Mg, mg/l 5.8 100 IS 3025 (Part-46): 1994 12. Chloride as Cl, mg/I 12.8 250 1000 IS 3025 (Part-32): 1988 13. Sulphate as SO₄, mg/I 19 200 400 IS 3025 (Part-24): 1986 14. Fluoride as F, mg/I 0.019 1 1.5 APHA 23rdEdition 15. Nitrate as NO₃, mg/l 18 45 No relaxation APHA 23rd Edition Iron as Fe, mg/l 0.10 No relaxation IS 3025 (Part-53): 2003 Remark: The above given sample conforms Acceptable limits as per IS10500:2012 For The above tested parameters only. Analyzed by: Authorized Signatory: Spare

Senior Analyst/Junior Analyst (Ravikumar)/(Pradeep Chawan)

Quality Manager(Pradeep Reddy)

Notes:

RDWSD/WQMSP/TeR/01

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.

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5) Decision rule is applicable as per the procedure mentioned in RDWSD/WQMSP/DR-01.

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