



RURAL DRINKING WATER & SANITATION DEPARTMENT, GoK
District Water Quality Testing Laboratory Koppal
Executive Engineer, Rural Drinking Water Supply & Sanitation Division,
Tahasildhar Office Ground, Vijnana Bhavan Koppal
e-mail: rdwsd.wqms.koppal@gmail.com

| TEST REPORT | | | | | |
|--|--|---|--|--|-------------------------------|
| Adress Sri Markandeshwara English Medium Primary And High School, M.P. Prakash Nagar, Hosapete-583201, Vijayanagara District. | | | Report date | 27.06.25 | |
| | | | Report Number | 18 | |
| | | | Reference | Client | |
| | | | Sample Code | KPL25JUN0018 | |
| | | | Sample Receipt Date | 27.06.25 | |
| | | | Date of sample collection | 27.06.25 | |
| | | | Analysis start date | 27.06.25 | |
| | | | Analysis completion date | 27.06.25 | |
| | | | Sample collection method | NA | |
| Sample particulars: | WPP | Sample quantity: | | 1 Ltr | |
| Sl. No | Test | Results | Acceptable Limit IS 10500 : 2012 RA 2018 | Permissible Limit IS 10500 : 2012 RA 2018 | Method |
| Sample Description: Clear Colorless | | | | | |
| 1 | pH Value @25°C | 7.20 | 6.5-8.5 | No relaxation | IS 3025 (Part- 11):2022 |
| 2 | Specific Conductance, µS/cm @25°C | 101.00 | - | - | IS 3025 (Part- 14):2013 |
| 3 | Odour | Agreeable | Agreeable | Agreeable | IS 3025 (Part- 5):2018 |
| 4 | Taste | Agreeable | Agreeable | Agreeable | IS 3025 (Part- 8):2023 |
| 5 | Colour, HZ | <5 | 5 | 15 | IS 3025 (Part- 4):2021 |
| 6 | Turbidity, NTU | 0.00 | 1 | 5 | IS 3025 (Part- 10):2023 |
| 7 | Total Dissolved Solids @180°C, mg/l | 66.00 | 500 | 2000 | IS 3025 (Part- 16):2023 |
| 8 | Alkalinity as CaCO ₃ , mg/l | 35.640 | 200 | 600 | IS 3025 (Part- 23):2023 |
| 9 | Total Hardness as CaCO ₃ , mg/l | 43.60 | 200 | 600 | IS 3025 (Part- 21):2009 |
| 10 | Calcium as Ca, mg/l | 9.52 | 75 | 200 | IS 3025 (Part-40):2024 |
| 11 | Magnesium as Mg, mg/l | 4.81 | 30 | 100 | IS 3025 (Part-46):2023 |
| 12 | Chloride as Cl, mg/l | 19.85 | 250 | 1000 | IS 3025 (Part- 32):1988 |
| 13 | Sulphate as SO ₄ , mg/l | 0.43 | 200 | 400 | IS 3025 (Part- 24 Sec-1):2022 |
| 14 | Fluoride as F, mg/l | 0.06 | 1 | 1.5 | APHA 24rdEdition:4500F-D |
| 15 | Nitrate as NO ₃ , mg/l | 1.36 | 45 | No relaxation | APHA 24rdEdition:4500NO3-B |
| 16 | Iron as Fe, mg/l | 0.00 | 1 | No relaxation | IS 3025 (Part- 53):2024 |
| Remark: As per IS-10500-2012: RA-2018, All the above tested parameters are within the Acceptable Limit. | | | | | |
| Analysed by: | | RDWSD Water Quality Lab Koppal | | Authorized Signatory: Technical Manager | |
| Senior Analyst/Junior Analyst | | | | | |

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.

END OF THE TEST REPORT



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TEST REPORT

Address

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Nagar, Hosapete-583201, Vijayanagara
District.**

| | |
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| Report date | 29.06.25 |
| Report Number | 18 |
| Reference | Sample receipt Form |
| Sample Code | KPL25JUN0018 |
| Sample Receipt Date | 27.06.25 |
| Date of sample collection | 27.06.25 |
| Analysis start date | 27.06.25 |
| Analysis completion date | 29.06.25 |
| Sample collection method | Manual for Water Quality Analysis, RDWSD, GOK |

Sample particulars:

WPP

Sample quantity:

1 Ltr

| Sl. No | Test | Results | Protocol |
|--------|------|---------|----------|
|--------|------|---------|----------|

Sample Description: Clear Colorless

| | | | |
|---|-----------------------------------|--------|------------------------------------|
| 1 | Bacteriological Test By H2S Vials | Absent | In House Method (HIS) By H2S Vials |
|---|-----------------------------------|--------|------------------------------------|

Remark: The Bacteriological Parameter is Absent

Analysed by:

Senior Analyst/Junior Analyst

**RDWSD
Water Quality Lab
Koppal**

Authorized Signatory:
Technical Manager

RDWSD/WQMSP/TeR/01

Note:

- 1) The Sample drawn by the Laboratory.
- 2) The report shall not be reproduced except in full without the prior approval of the Quality Manager.
- 3) Samples will be discarded after 1 days from the date of report generation.

END OF THE TEST REPORT



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Sample collection method Manual for Water Quality Analysis, RDWSD, GOK

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Technical Manager

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*****END OF THE TEST REPORT*****