



Tumkur District Water Quality Testing Laboratory

TC- 14841

Zilla Panchayath Compound B.H Road Tumkur - 572101, Karnataka.

Email: rdwsd.wqmstp.tumkurdistrictlab@gmail.com

TEST REPORT

Aravind international School,
Girigowdanapalya Gate,
Madduru Road,
Kunigal Tq,
Tumkuru District.

Sample Collected By: Customer

Reference: TRF

Sample code:TUM26APR0843

ULR No. : TC- 1484126000000843F

Date of Sample collection:10/04/2026

Sample receipt date: 10/04/2026

Analysis start date:13/04/2026

Analysis completion date: 13/04/2026

Report date: 13/04/2026

Sampling Method: APHA24th Edition

Sample Particulars :Drinking Water

Sample quantity:1 Liter

Sl. No	Test	Test Method	Detectable Limit	Acceptable Limit IS 10500 :2012	Permissible Limit IS 10500 : 2012 RA-2018	Results	Units
Description: Colourless liquid.							
1.	pH Value at 26.8°C	IS 3025 (Part-11) : 2022	2-14	6.5 – 8.5	No relaxation	6.65	-
2.	Electrical Conductivity, at 26.7°C	IS 3025 (Part-14) :2019	1.0	-	-	222	µS/cm
3.	Odour	IS 3025 (Part-5 & 6):2018	-	Agreeable	Agreeable	Agreeable	-
4	Taste	IS 3025 (Part-7 & 8):2023	-	Agreeable	Agreeable	-	-
5.	Colour	IS 3025 (Part-4) :2023	1	5	15	<1	H _z
6.	Turbidity	IS 3025 (Part-10) : 2023	0.5	1	5	<0.5	NTU
7.	Total Dissolved Solids @ 180°C	IS 3025 (Part-16) : 2023	16	500	2000	132	mg/l
8.	Alkalinity as CaCO ₃	IS 3025 (Part-23) : 2023	20	200	600	51	mg/l
9.	Total Hardness as CaCO ₃	IS 3025 (Part-21) : 2019	20	200	600	68	mg/l
10.	Calcium as Ca	IS 3025 (Part-40) : 2024	8.0	75	200	19	mg/l
11.	Magnesium as Mg	IS 3025 (Part-46) : ,2023	5.0	30	100	5	mg/l
12	Chloride as Cl	IS 3025 (Part-32) : 2019	10	250	1000	42	mg/l
13.	Sulphate as SO ₄	IS 3025 (Part-24/Sec 1) : 2022	1.0	200	400	7.0	mg/l
14.	Fluoride as F, mg/l	APHA 24 th Edition 4500- F D	0.1	1	1.5	<0.1	mg/l
15.	Nitrate as NO ₃ , mg/l	APHA 24 th Edition 4500- NO ₃ B	1.0	45	No relaxation	<1.0	mg/l
16.	Iron as Fe, mg/l	IS 3025 (Part-53) : 2024	0.1	1	No relaxation	<0.1	mg/l

Reviewed & Authorized By

Venkatesh.H

Technical Manager

RDWSD/WQMSP/TeR/01

Note:

- The above results relate only to the sample tested.
- The report shall not be reproduced except in full without the prior approval of the Quality Manager.
- Traceability: Traceability of measurements is established using CRMs traceable to National/International standards.
- Samples will be discarded after 7 days from the date of report generation.
- Decision rule is applicable as per the procedure mentioned in RDWSD/WQMSP/DR-01

-: End of Report:-



Tumkur District Water Quality Testing Laboratory

TC- 14841

Zilla Panchayath Compound B.H Road Tumkur - 572101, Karnataka.

Email: rdwsd.wqmstp.tumkurdistrictlab@gmail.com

TEST REPORT

Aravind international School,
Girigowdanapalya Gate,
Madduru Road,
Kunigal Tq,
Tumkuru District.

Sample Collected By: Customer

Reference: TRF

Sample code:TUM26APR0842

ULR No. : TC- 1484126000000842F

Date of Sample collection:10/04/2026

Sample receipt date: 10/04/2026

Analysis start date:13/04/2026

Analysis completion date: 13/04/2026

Report date: 13/04/2026

Sampling Method: APHA24th Edition

Sample Particulars :Borewell Water

Sample quantity:1 Liter

Sl. No	Test	Test Method	Detectable Limit	Acceptable Limit IS 10500 :2012	Permissible Limit IS 10500 : 2012 RA-2018	Results	Units
Description: Colourless liquid.							
1.	pH Value at 26.8°C	IS 3025 (Part-11) : 2022	2-14	6.5 – 8.5	No relaxation	6.76	-
2.	Electrical Conductivity, at 26.6°C	IS 3025 (Part-14) :2019	1.0	-	-	1526	µS/cm
3.	Odour	IS 3025 (Part-5 & 6):2018	-	Agreeable	Agreeable	Agreeable	-
4	Taste	IS 3025 (Part-7 & 8):2023	-	Agreeable	Agreeable	-	-
5.	Colour	IS 3025 (Part-4) :2023	1	5	15	<1	H _z
6.	Turbidity	IS 3025 (Part-10) : 2023	0.5	1	5	<0.5	NTU
7.	Total Dissolved Solids @ 180°C	IS 3025 (Part-16) : 2023	16	500	2000	904	mg/l
8.	Alkalinity as CaCO ₃	IS 3025 (Part-23) : 2023	20	200	600	347	mg/l
9.	Total Hardness as CaCO ₃	IS 3025 (Part-21) : 2019	20	200	600	472	mg/l
10.	Calcium as Ca	IS 3025 (Part-40) : 2024	8.0	75	200	133	mg/l
11.	Magnesium as Mg	IS 3025 (Part-46) : ,2023	5.0	30	100	34	mg/l
12	Chloride as Cl	IS 3025 (Part-32) : 2019	10	250	1000	291	mg/l
13.	Sulphate as SO ₄	IS 3025 (Part-24/Sec 1) : 2022	1.0	200	400	51	mg/l
14.	Fluoride as F, mg/l	APHA 24 th Edition 4500- F D	0.1	1	1.5	0.48	mg/l
15.	Nitrate as NO ₃ , mg/l	APHA 24 th Edition 4500- NO ₃ B	1.0	45	No relaxation	12.1	mg/l
16.	Iron as Fe, mg/l	IS 3025 (Part-53) : 2024	0.1	1	No relaxation	<0.1	mg/l

Reviewed & Authorized By

Venkatesh .H

Technical Manager

RDWSD/WQMSP/TeR/01

Note:

- The above results relate only to the sample tested.
- The report shall not be reproduced except in full without the prior approval of the Quality Manager.
- Traceability: Traceability of measurements is established using CRMs traceable to National/International standards.
- Samples will be discarded after 7 days from the date of report generation.
- Decision rule is applicable as per the procedure mentioned in RDWSD/WQMSP/DR-01

-: End of Report:-



Tumkur District Water Quality Testing Laboratory

TC- 14841

Zilla Panchayath Compound B.H Road Tumkur - 572101, Karnataka.

Email: rdwsd.wqmstp.tumkurdistrictlab@gmail.com

TEST REPORT

Aravind international School,
Girigowdanapalya Gate,
Madduru Road,
Kunigal Tq,
Tumkuru District.

Sample Collected By: Customer

Reference: TRF

Sample code:TUM26APR0843

ULR No. : TC- 1484126000000843F

Date of Sample collection:10/04/2026

Sample receipt date: 10/04/2026

Analysis start date:13/04/2026

Analysis completion date: 13/04/2026

Report date: 13/04/2026

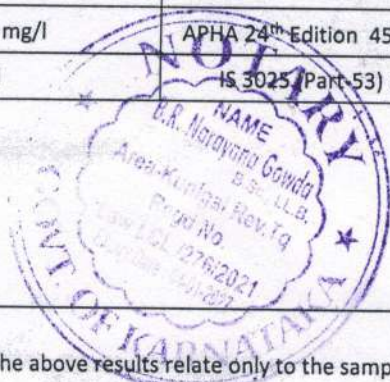
Sampling Method: APHA24th Edition

Sample quantity:1 Liter

Sample Particulars :Drinking Water

Sl. No	Test	Test Method	Detectable Limit	Acceptable Limit IS 10500 :2012	Permissible Limit IS 10500 : 2012 RA-2018	Results	Units
Description: Colourless liquid.							
1.	pH Value at 26.8°C	IS 3025 (Part-11) : 2022	2-14	6.5 – 8.5	No relaxation	6.65	-
2.	Electrical Conductivity, at 26.7°C	IS 3025 (Part-14) :2019	1.0	-	-	222	µS/cm
3.	Odour	IS 3025 (Part-5 & 6):2018	-	Agreeable	Agreeable	Agreeable	-
4	Taste	IS 3025 (Part-7 & 8):2023	-	Agreeable	Agreeable	-	-
5.	Colour	IS 3025 (Part-4) :2023	1	5	15	<1	H _z
6.	Turbidity	IS 3025 (Part-10) : 2023	0.5	1	5	<0.5	NTU
7.	Total Dissolved Solids @ 180°C	IS 3025 (Part-16) : 2023	16	500	2000	132	mg/l
8.	Alkalinity as CaCO ₃	IS 3025 (Part-23) : 2023	20	200	600	51	mg/l
9.	Total Hardness as CaCO ₃	IS 3025 (Part-21) : 2019	20	200	600	68	mg/l
10.	Calcium as Ca	IS 3025 (Part-40) : 2024	8.0	75	200	19	mg/l
11.	Magnesium as Mg	IS 3025 (Part-46) : ,2023	5.0	30	100	5	mg/l
12	Chloride as Cl	IS 3025 (Part-32) : 2019	10	250	1000	42	mg/l
13.	Sulphate as SO ₄	IS 3025 (Part-24/Sec 1) : 2022	1.0	200	400	7.0	mg/l
14.	Fluoride as F, mg/l	APHA 24 th Edition 4500- F D	0.1	1	1.5	<0.1	mg/l
15.	Nitrate as NO ₃ , mg/l	APHA 24 th Edition 4500- NO ₃ B	1.0	45	No relaxation	<1.0	mg/l
16.	Iron as Fe, mg/l	IS 3025 (Part-53) : 2024	0.1	1	No relaxation	<0.1	mg/l

Reviewed & Authorized By



ATTESTED BY ME

Venkatesh.H

Technical Manager

RDWSD/WQMSP/TeR/01

Note:

- The above results relate only to the sample tested.
- The report shall not be reproduced except in full without the prior approval of the Quality Manager.
- Traceability: Traceability of measurements is established using CRMs traceable to National/International standards.
- Samples will be discarded after 7 days from the date of report generation.
- Decision rule is applicable as per the procedure mentioned in RDWSD/WQMSP/DR-01

-: End of Report:-

CHEMICAL EXPERTS
DISTRICT WATER QUALITY TESTING LAB
RURAL WATER SUPPLY DIVISION
TUMKUR



Tumkur District Water Quality Testing Laboratory

TC- 14841

Zilla Panchayath Compound B.H Road Tumkur - 572101, Karnataka.

Email: rdwsd.wqmstp.tumkurdistrictlab@gmail.com

TEST REPORT

Aravind international School,
Girigowdanapalya Gate,
Madduru Road,
Kunigal Tq,
Tumkuru District.

Sample Collected By: Customer

Reference: TRF

Sample code:TUM26APR0842

ULR No. : TC- 1484126000000842F

Date of Sample collection:10/04/2026

Sample receipt date: 10/04/2026

Analysis start date:13/04/2026

Analysis completion date: 13/04/2026

Report date: 13/04/2026

Sampling Method: APHA24th Edition

Sample Particulars :Borewell Water

Sample quantity:1 Liter

Sl. No	Test	Test Method	Detectable Limit	Acceptable Limit IS 10500 :2012	Permissible Limit IS 10500 : 2012 RA-2018	Results	Units
Description: Colourless liquid.							
1.	pH Value at 26.8°C	IS 3025 (Part-11) : 2022	2-14	6.5 – 8.5	No relaxation	6.76	-
2.	Electrical Conductivity, at 26.6°C	IS 3025 (Part-14) :2019	1.0	-	-	1526	µS/cm
3.	Odour	IS 3025 (Part-5 & 6):2018	-	Agreeable	Agreeable	Agreeable	-
4	Taste	IS 3025 (Part-7 & 8):2023	-	Agreeable	Agreeable	-	-
5.	Colour	IS 3025 (Part-4) :2023	1	5	15	<1	H _z
6.	Turbidity	IS 3025 (Part-10) : 2023	0.5	1	5	<0.5	NTU
7.	Total Dissolved Solids @ 180°C	IS 3025 (Part-16) : 2023	16	500	2000	904	mg/l
8.	Alkalinity as CaCO ₃	IS 3025 (Part-23) : 2023	20	200	600	347	mg/l
9.	Total Hardness as CaCO ₃	IS 3025 (Part-21) : 2019	20	200	600	472	mg/l
10.	Calcium as Ca	IS 3025 (Part-40) : 2024	8.0	75	200	133	mg/l
11.	Magnesium as Mg	IS 3025 (Part-46) : ,2023	5.0	30	100	34	mg/l
12	Chloride as Cl	IS 3025 (Part-32) : 2019	10	250	1000	291	mg/l
13.	Sulphate as SO ₄	IS 3025 (Part-24/Sec 1) : 2022	1.0	200	400	51	mg/l
14.	Fluoride as F, mg/l	APHA 24 th Edition 4500- F D	0.1	1	1.5	0.48	mg/l
15.	Nitrate as NO ₃ , mg/l	APHA 24 th Edition 4500- NO ₃ B	1.0	45	No relaxation	12.1	mg/l
16.	Iron as Fe, mg/l	IS 3025 (Part-53) : 2024	0.1	1	No relaxation	<0.1	mg/l

Reviewed & Authorized By



(Signature)
Venkatesh .H
Technical Manager

Note:

- The above results relate only to the sample tested.
- The report shall not be reproduced except in full without the prior approval of the Quality Manager.
- Traceability: Traceability of measurements is established using CRMS traceable to National/International standards.
- Samples will be discarded after 7 days from the date of report generation.
- Decision rule is applicable as per the procedure mentioned in RDWS/WQMSP/DR-01

ATTESTED BY ME

(Signature)
B.Sc. Advocate & Notary

RDWS/WQMSP/TeR/01

ಜಿಲ್ಲಾ ನೀರಿನ ಗುಣಮಟ್ಟ ಪರೀಕ್ಷಾ ಪ್ರಯೋಗಾಲಯ

ಗ್ರಾಮೀಣ ನೀರು ಪರಬರಾಡು ವಿಭಾಗ

ತುಮಕೂರು

CHEMICAL EXPERTS

DISTRICT WATER QUALITY TESTING LAB

RURAL WATER SUPPLY DIVISION

TUMKUR

-: End of Report:-