

QUALITY CONTROL LABORATORY
CORDITE FACTORY ARUVANKADU

TEST REPORT

21/TR/QC/(LAB)/EPL/D.W/26/2024-25
DATE: 26/09/2024

NOMENCLATURE

: DRINKING WATER(KVAVK)

E.P TESTING LAB ITEM NO. & DATE

: EPL -116 dt 24/09/2024

SPECIFICATION

: IS 10500 : RA 2012

CONDITION OF THE SAMPLE

: Good

DATE OF PERFORMANCE OF THE TEST

: 24 /09/2024 to . 26/09/2024

REFERENCE

: F.1761029/KVAVK/2024-25/164 DT.24/09/2024

No.	Test clause	Results	Test method	Specification limits
1	Colour, Hazen unit	<5	IS 3025 (PART 4) -2021 Rev.2	5 Max.
2	Turbidity, NTU	1	IS 3025 (PART 10) -2023Rev.2	5 Max.
3	pH value	7.0/20.1°C	IS 3025 (PART 11):2022 Rev.2	6.5 - 8.5
4	Total hardness (as CaCO ₃), mg/L	34	IS 3025 (PART 21) 2019Rev.2	200 Max.
5	Iron (as Fe), mg/l	0.1	IS 3025 -(Part 53)- 2003 Rev.1	0.3 Max.
6	Chloride (as Cl), mg/L	11	IS 3025 (PART 32) 1988 Rev.1	250 Max.
7	Residual, free chlorine, mg/L	0.2	IS 3025 (PART 26) -2021 Rev.2	0.2 Min.
8	Calcium as Ca, mg/L	5	IS 3025 (PART 40) -1991 Rev.1	75 Max.
9	Total dissolved solids,(180°C) mg/L	54	IS 3025 (PART 16) -2023 Rev.2	500 Max.

NOTE

1. Results reported related only to the item/sample tested.
2. Report shall not be reproduced except in full without prior written permission of Group Officer.
3. Specifications are mentioned wherever applicable.
4. Tests are done in respect of clauses required by user/consignee.
5. Column whichever is not applicable may be treated as cancelled.
6. Sample is not drawn by Quality Control Laboratory

To

DO/ KVAVK

DO/(QC/LY)
(L.RAJKUMAR)

OIC (QC/LY)
(P.MURUKESAN)