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**NATURAL RESOURCES
DEVELOPMENT CO-OPERATIVE SOCIETY LIMITED**
(Regd.No ,TA / 602)
58-15-8A, Santhapeta, ONGOLE - 523001

CHEMICAL ANALYSIS DIVISION

Ref:CAD/ONG/2023-24.

Dt: 08-06-2023.

Name & Address of the Customer:

**M/s. St. Xavier's High School,
Kurnool Road,
ONGOLE, Prakasam Dt.**

Details of the Sample:

Water analysis for drinking purpose.

Source of the Sample:

Mineral water.

S.No.	Determinent	Values	Tolerable limits	Reference to BIS
I	PHYSICAL			
1	Colour (HZU)	<5	5	IS 3025 PART 4-2000
2	pH	7.88	6.5 to 8.5	IS 3025 PART 11-2002
3	E.C. (Millimhos)	0.09	--	IS 3025 PART 10-2002
4	Turbidity (NTU)	<5	5	IS 3025 PART 10-2002
II	CHEMICAL			
5	Total Dissolved Solids	60	500	IS 3025 PART 16-2002
6	Total Hardness as Ca Co ₃	15	300	IS 3025 PART 21-2000
7	Alkalinity to Phenol-phthaleinas Ca Co ₃	Nil	50	IS 3025 PART 23-2002
8	Alkalinity to Methyl-orange as Ca Co ₃	10	200	IS 3025 PART 23-2002
9	Non Carbonate Hardness as Ca Co ₃	5	--	IS 3025 PART 10-2002
10	Calcium as Ca Co ₃	8	75	IS 3025 PART 40-2002
11	Magnesium as Ca Co ₃	7	75	IS 3025 PART 46-2002
12	Sodium as Na	20	250	IS 3025 Part 45-2002
13	Chlorides as Cl	14	250	IS 3025 PART32 -1999
14	Sulphates as So ₄	18	250	IS 3025 PART 24-2002
15	Iron as Fe	Trace	0.10 to 0.30	IS 3025 Part 53-2002
16	Nitrate as No ₃	Trace	45	IS 3025 -2002
17	Fluoride as F	Trace	0.8 to 1.2	Is 3025-Part 23-2002
18	Salinity (PPT)	<1	<1	IS 3025 2002
19	Silica as Si O ₂	Trace	10	IS 3025 Part 35- 2002
20	Potassium as K	Trace	--	IS 3025 Part 46- 2002

All the Tests were carriedout in accordance with IS 3025

(All values are expressed in Mg/L except Colour, Turbidity, pH and E.C.)

Note: Sample supplied by the Customer.


CHIEF ANALYST
Natural Resources Development
Co-Operative Society Limited
Santhapeta, ONGOLE - 523 001