

Government of Andhra Pradesh
RURAL WATER SUPPLY & SANITATION DEPARTMENT
DISTRICT LEVEL WATER TESTING LABORATORY - SPSR NELLORE
NEW Z.P COMPOUND, PODALAKUR ROAD NELLORE - 524003

Report on Chemical Analysis of Water (Drinking)
General (Physico-chemical Parameters)

Sample Received From : DELHI PUBLIC SCHOOL , Brahma nagar , North rajupalem, Kodavalur (Md)
Nellore.

Details of the sample : Water

Date of Sample Receipt : 13.06.2023

Date of Report issue : 14.06.2023

S.no	Physcio-Chemical Parameters	Units	As per Drinking water specification IS 10500 : 2012			
			Test Methods	Requirement (Acceptable Limit)	Permissible Limit (in the absence of alternative source)	water sample result
1	Turbidity	NTU	Ref to part of IS 3025 part 10	1.0	5.0	1.5
2	pH at 25 °c		Ref to part of IS 3025 part 11	6.5-8.5	No relaxation	7.40
3	Electrical Conductivity at 25 °c	µS/cm	APHA 23rd Edition 2510 B	-	-	1880
4	Total Dissolved Solids	mg/lit	Ref to part of IS 3025 part 16	500	2000	1222
5	Total Alkalinity as CaCO ₃	mg/lit	Ref to part of IS 3025 part 23	200	600	484
6	Total Hardness as CaCO ₃	mg/lit	Ref to part of IS 3025 part 21	200	600	360
7	Calcium as Ca ⁺⁺	mg/lit	Ref to part of IS 3025 part 40	75	200	86
8	Magnesium as Mg ⁺⁺	mg/lit	Ref to part of IS 3025 part 46	30	100	35
9	Chloride as Cl ⁻	mg/lit	Ref to part of IS 3025 part 32	250	1000	332
10	Flouride as F ⁻	mg/lit	Ref to part of IS 3025 part 60	1.0	1.5	0.49
11	Nitrate as NO ₃ ⁻	mg/lit	Ref to part of IS 3025 part 34	45	No relaxation	2.6
12	Sulphate as SO ₄ ⁻	mg/lit	Ref to part of IS 3025 part 24	200	400	215
13	Total Iron as Fe	mg/lit	Ref to part of IS 3025 part 53	0.3	1.0	0.16

Remarks : Chemically satisfactory

- Note:** 1. Sample collection is not responsible for Laboratory personals.
2. The above said results are related only to the sample tested.
3. Report should not be produced half or full without Permission of laboratory.

C.S.
Analyzed by

B. Srinivas
Verified by