



Government of Andhra Pradesh
IWQM Water Testing Laboratory
O/o The Dy. Executive Engineer
Rural Water Supply & Sanitation Department
PALAKOLE, NARSASAPURAM SUB-DIVISION

TEST REPORT ON CHEMICAL ANALYSIS OF WATER(DRINKING)
General physical Chemical Parameter

Name of the Institution : DELHI PUBLIC SCHOOL - KALAGAMPUDI

Name of the Mandal : ELAMANCHILI

Description of the test items : CHEMICAL ANALYSIS

Date of Collection : 14/05/2024

Date of Analysis : 14/05/2024

Sl.No.	Physcio-Chemical Parameters	Units	RO WATER	As per IS (10500 - 2012)	
				Required (Acceptable Limit)	Permissible Limit (in the absence of alternative source)
1	Colour	Co-Pt	Colourless	-	-
2	Turbidity	NTU	0	0	5
3	pH		7.02	6.5-8.5	No relaxation
4	Electrical Conductivity	micromhos/cm	189	-	-
5	Total Dissolved Solids	mg/lit	122	500	2000
6	Total Alkalinity as CaCO ₃	mg/lit	80	200	600
7	Total Hardness as CaCO ₃	mg/lit	124	200	600
8	Calcium as Ca ⁺⁺	mg/lit	48	75	200
9	Magnesium as Mg ⁺⁺	mg/lit	0.9	30	100
10	Flouride as F ⁻	mg/lit	0.05	1.0	1.5
11	Chloride as Cl ⁻	mg/lit	85	250	1000
12	Nitrate as NO ₃ ⁻	mg/lit	1.1	45	No relaxation
13	Sulphate as SO ₄ ⁻	mg/lit	0.24	200	400
14	Total Iron as Fe	mg/lit	0.1	0.3	1

REMARKS : The above water sample acceptable for Drinking purpose.

Analyzed by

Lab. Chemist / Lab. Microbiologist.

14/5/24
Assistant Engineer
Laboratory Incharge
RWS & S Section, Palakol.

Note : The above said results are related only to the sample tested
Report should not be produced half or full without permission of laboratory