

Government of Telangana
Rural Water Supply & Sanitation Department
State Level Water Testing Laboratory

Q/o The Project Director
State Water Supply & Sanitation Mission
Sriramnagar, Banjara Hills, Hyderabad, Telangana – 500034

TEST REPORT ON CHEMICAL ANALYSIS OF WATER / DRINKING
General Physico-Chemical Parameters

Sample Received From: DELHI WORLD PUBLIC SCHOOL

Location: SURVEY NO.20, MANNEGUDA, ABDULLAPURMET MANDAL, RANGA REDDY DISTRICT,
TELANGANA, INDIA 501 510

Type of Source: R.O Water

Test Report ID No: 051/SLISWSMRWS/P2824

Description of the test items: Water Sample

Date of Collection: 10.04.2026

Date of Analysis: 10.04.2026

Date of Receipt: 10.04.2026


Date of issue: 10.04.2026

Sl.No	Physico-chemical parameters	Units	Water Test results	Requirement (Acceptable limit)	Permissible Limit (in the absence of alternative source)
1	color	Co-Pt	0	5	15
2	Turbidity	NTU	0	1	5
3	pH		7.42	6.5-8.5	No relaxation
4	Electrical conductivity	Micromhos/cm	60	-	-
5	Total Dissolved solids	mg/L	39	500	2000
6	Salinity	gm/L	0.06	0.48	1.836
7	Total alkalinity as CaCO ₃	mg/L	10	200	600
8	Total hardness as CaCO ₃	mg/L	17	200	600
9	Calcium as Ca ⁺⁺	mg/L	3	75	200
10	Magnesium as Mg ⁺⁺	mg/L	2	30	100
11	Fluoride as F ⁻	mg/L	0.1	1.0	1.5
12	Chloride as Cl ⁻	mg/L	16	250	1000
13	Nitrate as NO ₃ ⁻	mg/L	5.5	45	No Relaxation
14	Sulphate as SO ₄ ⁻²	mg/L	0.1	200	400
15	Total Iron as Fe	mg/L	3.3	1.0	No relaxation
16	Sodium Na ⁺	mg/L	9.2	-	-
17	Potassium K ⁺	mg/L	1.4	-	-
18	Silica	mg/L	1.0	-	-

Note:

1. The above said results are resulted only to the sample tested.
2. Samples is collected by the customer not by the laboratory.

S.S. Ramana
Lab Chemist


Assit Chemist
State Level Water Testing Laboratory
Rural Water Supply & Sanitation Dept
Hyderabad, Telangana