

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

To 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: INDIAN HEIGHTS SCHOOL

Location: 9-45/3, KISHANNAGAR (V), FAROOQNAGAR (M) , RANGAREDDY (DIST) 509410

Type of Source: R.O.Water

Test Report ID No: 051/SLISWSMRWS/ P2824

Description of the test items: Water Sample

Date of Collection: 01.11.2024

Date of Analysis: 01.11.2024

Date of Receipt: 01.11.2024


Date of issue: 05.11.2024

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. Sample is collected by the customer not by the laboratory.

S.P. Ramana
Lab Chemist


Assit Chemist
State Level Water Testing Laboratory
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