

**GOVERNMENT OF TELANGANA**  
**REGIONAL PUBLIC HEALTH LABORATORY, WARANGAL**  
**HANAMKONDA (KUDA Premises) - 506 001**  
**Report Of Physical, Chemical Analysis Of Water &**  
**Chemical Analysis of Water for Construction Purpose\***

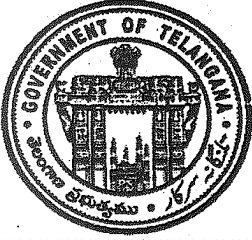
Sample from : The Principal;  
Warangal Public School  
 Collected by : MD.S Paid / Free :   
 Collected on : 12/11/24 Receipt No. : 497  
 Received on : 12/11/24 Amount : 830/-  
H.No-1-7-1041, Hubber Road  
Hanamkonda - Dist.

Lab Ref. No. :	SSA	IS10500:2012
Address Of Sources	R.O. plant - under at School.	Acceptable limit
Substance or Characteristic		Permissible limits in the absence of alternate source
Colour	15	5
Odour	Agreeable	Agreeable
Turbidity NTU	-	1
*P <sup>H</sup> at °C	7.1	6.5-8.5
Electrical conductivity (at 25° C Micro Mhos/cm)	140	No relaxation
*Total Dissolved Solids (mg/Lt.)	91	500
The following results are in mg/liter		
Phenolphthalein Alkalinity	Nil	
Total Alkalinity (as CaCO <sub>3</sub> )	25	200
Total hardness (as CaCO <sub>3</sub> )	15	600
Calcium hardness (as CaCO <sub>3</sub> )	8	
Magnesium hardness (as CaCO <sub>3</sub> )	7	
Sulphate (as SO <sub>4</sub> <sup>2-</sup> )	2	200
Nitrite (as NO <sub>2</sub> )	Nil	
Nitrate (as NO <sub>3</sub> )	-	10
*Chloride (as Cl <sup>-</sup> )	20	No relaxation
Fluoride (as F <sup>-</sup> )	0.06	250
Iron (as Fe)	-	1.0
*To neutralize 100 ml of water sample using phenolphthalein indicator with 0.02 N Na OH (in ml)		1.5
*To neutralize 100 ml of water sample using Mixed indicator with 0.02 N H <sub>2</sub> SO <sub>4</sub> (in ml)		0.3
		No relaxation
		Not more than 5 ml as per IS 456 (2000) (Reaffirmed 2005)
		Not more than 25 ml as per IS 456 (2000) (Reaffirmed 2005)

Remarks : The Given water Sample is physico-chemically  
Satisfactory for Drinking purpose.

MD.S  
 Senior Analyst

[Signature]  
 Civil Surgeon Bacteriologist,  
 Regional Public Health Laboratory,  
 Hanamakonda.



**GOVERNMENT OF TELANGANA  
REGIONAL PUBLIC HEALTH LABORATORY,  
(KUDA Premises) Dist: HANUMAKONDA 506 001.  
REPORT OF BACTERIOLOGICAL ANALYSIS OF WATER**

Sample from : The Principal,  
Warangal Public School  
Humber Road  
Collected by : MD-5  
Collected on : 12/11/24  
Received on : 12/11/24  
Paid/ Free :  
Receipt No. : 497  
Amount : 150.00

Lab Reg. No.	Address of the sample	Residual Chlorine mg/Lt.	MPN of Coliform /100 ml	Organism isolated
1952	R.O. plant near to School	-	nil	

Remarks: The Given water is Bacteriologically Satisfactory for Drinking purpose.

Subbhangab  
Senior Analyst

[Signature]  
Civil Surgeon Bacteriologist i/c  
Regional Public Health Laboratory,  
Hanumakonda.