



**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,
Warter Road. Hanumakonda.
 Collected by : MD. Sabauddin, Paid/ Free :
 Collected on : 11/12/2023 Receipt No. : 341
 Received on : 11/12/2023 Amount : 150 = 00.

Lab Reg. No.	Address of the sample	Residual Chlorine mg/Lt.	MPN of Coliform /100 ml	Organism isolated
2615.	R.O. water at School.	-	nil.	

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

Soubhangaika
Senior Analyst
for-

Civil Surgeon Bacteriologist i/c
Civil Surgeon Bacteriologist
Regional PH Laboratory
Hanumakonda.



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. Sallouddin Paid / Free :
 Collected on : 11/12/2023 Receipt No. : 841
 Received on : Hunter Road, Hanamakonda Amount : 230.00

Lab Ref. No. : <u>11/12/2023</u>		<u>613</u>		IS10500:2012	
Address Of Sources	:	<u>R.O plant</u>		Acceptable limit	Permissible limits in the absence of alternate source
Substance or Characteristic	:	<u>water</u>			
	:	<u>School</u>			
Colour	:	<u>LS</u>		5	15
Odour	:	<u>Agreeable</u>		Agreeable	Agreeable
Turbidity NTU	:	<u>-</u>		1	5
*P at C	:	<u>7.6</u>		6.5-8.5	No relaxation
Electrical conductivity (at 25° C Micro Mhos/cm)	:	<u>79</u>			
*Total Dissolved Solids (mg/Lt.)	:	<u>51</u>		500	2000
<i>The following results are in mg/liter</i>					
Phenolphthalein Alkalinity	:	<u>nl</u>			
Total Alkalinity (as CaCO ₃)	:	<u>5</u>		200	600
Total hardness (as CaCO ₃)	:	<u>20</u>		200	600
Calcium hardness (as CaCO ₃)	:	<u>10</u>			
Magnesium hardness (as CaCO ₃)	:	<u>10</u>			
Sulphate (as SO ₄ ²⁻)	:	<u>-</u>		200	400
Nitrite (as NO ₂ ⁻)	:	<u>nil</u>			
Nitrate (as NO ₃ ⁻)	:	<u>-</u>		10	No relaxation
*Chloride (as Cl ⁻)	:	<u>20</u>		250	1000
Fluoride (as F ⁻)	:	<u>0.04</u>		1.0	1.5
Iron (as Fe)	:	<u>-</u>		0.3	No relaxation
*To neutralize 100 ml of water sample using phenolphthalein indicator with 0.02 N Na OH (in ml)	:			Not more than 5 ml as per IS 456 (2000) (Reaffirmed 2005)	
*To neutralize 100 ml of water sample using Mixed indicator with 0.02 N H ₂ SO ₄ (in ml)	:			Not more than 25 ml as per IS 456 (2000) (Reaffirmed 2005)	

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

Dr. Subrahmanyam
Senior Analyst

[Signature]
Civil Surgeon Bacteriologist
Civil Surgeon Bacteriologist I/C
Regional PH Laboratory
Hanamakonda.