



GOVERNMENT OF TELANGANA
REGIONAL PUBLIC HEALTH LABORATORY, WARANGAL
HANAMKONDA (KUDA Premises) - 506 001.
Report Of Bacteriological Analysis Of Water

Sample from : The principal
IRIS world school
Alugumoor
Paid/ Free :
Collected by : self. Kharim Nagu
Collected on : 20.3.2021
Received on : 20.3.2021
Receipt No. : 011149
Amount : 150/-

Lab Reg. No.	Address of the sample	Residual Chlorine mg/Lt.	MPN of Coliform /100 ml	Organism isolated
2020	R.O. (Treated) water at school	-	NIL	-

Remarks: Given water sample is bacteriologically SATISFACTORY for drinking purpose. as evidenced by NIL MPN count. —

S. Prasad
Senior Analyst

Prasad

Civil Surgeon Bacteriologist i/c



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 I.R.S. World School, Adugunoor

Collected by : Self Paid/Free :
 Collected on : 20/12/2021 Receipt No. : 011189
 Received on : 20/12/2021 Amount : 230

Lab Ref. No. :	H80		IS10500:2012
Address Of Sources :	As (Treated) Water at School.		Permissible limits in the absence of alternate source
Substance or Characteristic			
Colour :		5	15
Odour :	None	Agreeable	Agreeable
Turbidity NTU :	-	1	5
*P at ° C :	7.5	6.5-8.5	No relaxation
Electrical conductivity (at 25° C Micro Mhos/cm) :	104		
*Total Dissolved Solids (mg/Lt.) :	67	500	2000

The following results are in mg/liter

Phenolphthalein Alkalinity :	NIL		
Total alkalinity (as CaCO ₃) :	32	200	600
Total hardness (as CaCO ₃) :	32	200	600
Calcium hardness (as CaCO ₃) :	20		
Magnesium hardness (as CaCO ₃) :	12		
Sulphate (as SO ₄ ²⁻) :	NIL	200	400
Nitrite (as NO ₂) :	NIL		
Nitrate (as NO ₃) :	-	10	No relaxation
*Chloride (as Cl ⁻) :	20	250	1000
Fluoride (as F ⁻) :	0.2	1.0	1.5
Iron (as Fe) :	-	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: Given water sample is chemically SATISFACTORY for Drinking purpose. as all the Analysed parameters are within the permissible limits. →

Preeddy
Senior Analyst