

es) Dist.: HAN
RIOLOGIO
ARANGAL

Amount : 150 200

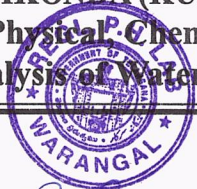
Remarks: — The Given water Sample is Bacteriologically
Satisfactory for Drinking purpose. —

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M. Narasimhan
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's
Collected by : M.D.S Warangal Public School Paid / Free :
Collected on : 11/11/2025 Hunter Road Hanamkonda Receipt No. :
Received on : 11/11/2025 Amount : 230200 -

Lab Ref. No. : 11/11/2025			787			IS10500:2012	
Address of Sources	:		R.O. plant			Acceptable limit	Permissible limits in the absence of alternate source
Substance or Characteristic	:		Water at Warangal public School				
Colour	:		LS			5	15
Odour	:		Agreeable			Agreeable	Agreeable
Turbidity NTU	:		-			1	5
*P ^H at °C	:		6.8			6.5 - 8.5	No relaxation
Electrical conductivity (at 25° C Micro Mhos /cm)	:		200				
* Total Dissolved Solids (mg/Lt.)	:		130			500	2000
The following results are in mg/liter							
Phenolphthalein Alkalinity	:		NIL				
Total Alkalinity (as CaCO ₃)	:		08			200	600
Total hardness (as CaCO ₃)	:		60			200	600
Calcium hardness (as CaCO ₃)	:		28				
Magnesium hardness (as CaCO ₃)	:		32				
Sulphate (as SO ₄ ²⁻)	:		-			200	400
Nitrite (as NO ₂)	:		NIL				
Nitrate (as NO ₃)	:		-			10	No relaxation
*Chloride (as Cl)	:		35			250	1000
Fluoride (as F)	:		0.13			1.0	1.5
Iron (as Fe)	:		-			0.3	No relaxation
*To neutralize 100 ml of water sample using phenolphthalein indicator with 0.02N 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 0.02N H ₂ SO ₄ (in ml)	:					Not more than 25 ml as per is 456 (2000) (Reaffirmed 2005)	

The Given water Sample is physico-Chemically Satisfactory for Drinking purpose.

Subrahmanya K.
Senior Analyst



M. Vamshane
Civil Surgeon Bacteriologist
Regional PH Laboratory
Hanamakonda.