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 : MONTESSORI HIGH SCHOOL Bibinagar

Collected by : Self
Collected on : 25/9/2026
Received on : 25/9/2026

Paid / Free :
Receipt No. : 342
Amount : 830.20

Lab Ref. No. :			504			IS10500:2012	
Address of Sources Substance or Characteristic	: :		Dolmiting R.O. plant water.			Acceptable limit	Permissible limits in the absence of alternate source
Colour	:		15			5	15
Odour	:		Agreeable.			Agreeable	Agreeable
Turbidity NTU	:		–			1	5
*P H at °C	:		7.5			6.5 - 8.5	No relaxation
Electrical conductivity (at 25° C Micro Mhos /cm)	:		590				
* Total Dissolved Solids (mg/Lt.)	:		383			500	2000
The following results are in mg/liter							
Phenolphthalein Alkalinity	:		NIL				
Total Alkalinity (as $CaCO_3$)	:		140			200	600
Total hardness (as $CaCO_3$)	:		90			200	600
Calcium hardness (as $CaCO_3$)	:		60				
Magnesium hardness (as $CaCO_3$)	:		30				
Sulphate (as SO_4^{2})	:		–			200	400
Nitrite (as NO_2)	:		NIL				
Nitrate (as NO_3)	:		–			10	No relaxation
*Chloride (as Cl)	:		40			250	1000
Fluoride (as F)	:		0.26			1.0	1.5
Iron (as Fe)	:		–			0.3	No relaxation
*To neutralize 100 ml of water sample using phenophthalein 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_2SO_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.

Senior Analyst
Senior Analyst
Regional Public Health Laboratory

Civil Surgeon Bacteriologist
Civil Surgeon Bacteriologist, I/C
Hanumakonda