



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 Prime School;

Collected by : Self Yellamly, Bhadrachari -
 Collected on : 7/8/2025 - Kothigudem . 11-NO-4-1-3/3
 Received on : 7/8/2025 - Kothigudem . 11-NO-4-1-3/3

Paid / Free : ✓
 Receipt No. : 7853
 Amount : 230.00

Lab Ref. No. : <u>71812025</u>	<u>512</u>			IS10500:2012
Address Of Sources				Acceptable limit
Substance or Characteristic		<u>mission Bhadrachari water school</u>		Permissible limits in the absence of alternate source
Colour		<u>15</u>		5
Odour		<u>Agreeable</u>		Agreeable
Turbidity NTU		<u>-</u>		1
*P ^H at °C		<u>7.3</u>		6.5-8.5
Electrical conductivity (at 25° C Micro Mhos/cm)		<u>330</u>		
*Total Dissolved Solids (mg/Lt.)		<u>214</u>		500
The following results are in mg/liter				
Phenolphthalein Alkalinity		<u>NIL</u>		
Total Alkalinity (as CaCO ₃)		<u>92</u>		200
Total hardness (as CaCO ₃)		<u>80</u>		200
Calcium hardness (as CaCO ₃)		<u>48</u>		
Magnesium hardness (as CaCO ₃)		<u>32</u>		
Sulphate (as SO ₄ ²⁻)		<u>-</u>		200
Nitrite (as NO ₂)		<u>NIL</u>		
Nitrate (as NO ₃)		<u>-</u>		10
*Chloride (as Cl ⁻)		<u>40</u>		250
Fluoride (as F ⁻)		<u>0.27</u>		1.0
Iron (as Fe)		<u>-</u>		0.3
*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 .

Sudhakar
 Senior Analyst
12/8/2025

[Signature]
 Civil Surgeon Bacteriologist I/C