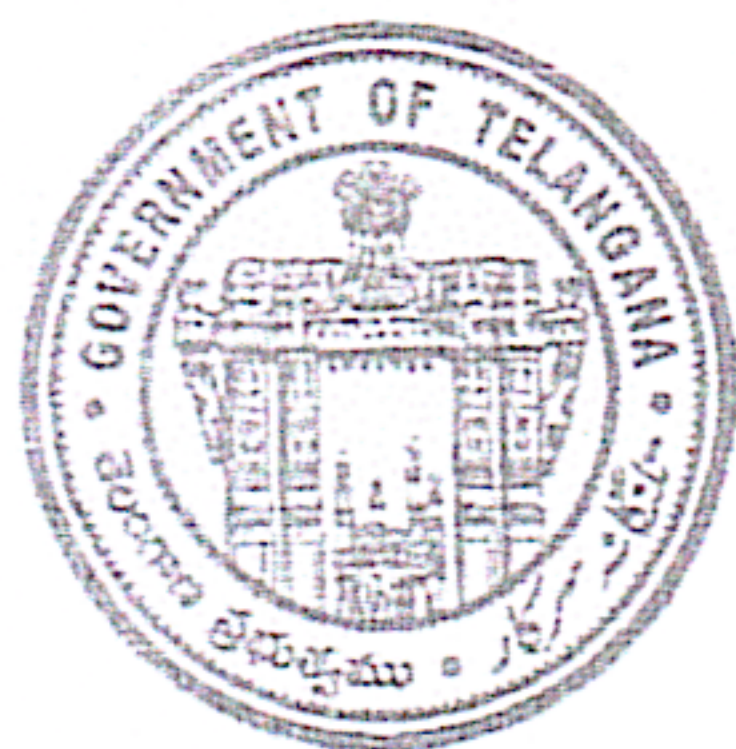
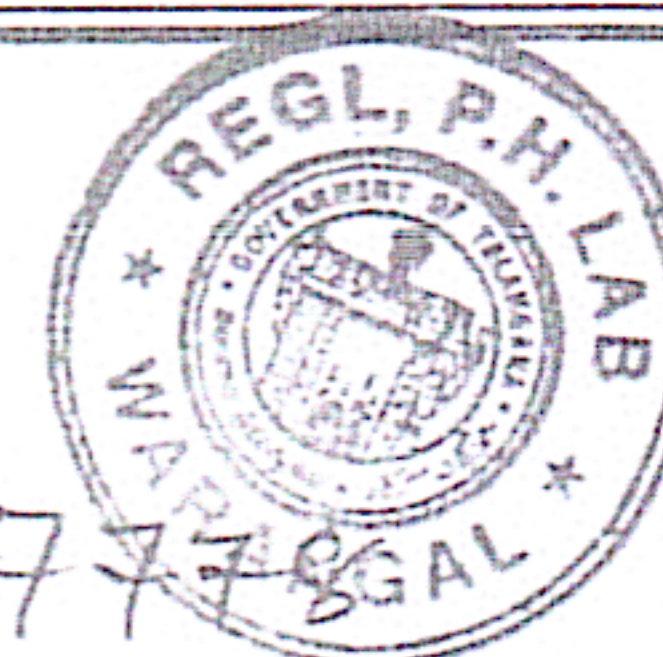




GOVERNMENT OF TELANGANA
REGIONAL PUBLIC HEALTH LABORATORY, WARANGAL
HANAMKONDA (KUDA Premises) - 506 001.
Report of Physical, Chemical Analysis of Water &
Chemical Analysis of Water for Construction Purpose*

Sample from : The Principal
Collected by : Saketha High School Paid / Free :
Collected on : Self Receipt No. : 7778
Received on : 7152025 Mdl - Kamalapur Amount : 230200
Dist - Hanamkonda



Lab Ref. No. : 71512025	Dist	Hamirpur	150		IS10500:2012	
Address of Sources :			R.O. plant - Teacher's School.		Acceptable limit	Permissible limits in the absence of alternate source
Substance or Characteristic :						
Colour :			15		5	15
Odour :			Agreeable		Agreeable	Agreeable
Turbidity NTU :			-		1	5
*P ^H at °C :			7.4		6.5 - 8.5	No relaxation
Electrical conductivity (at 25° C Micro Mhos /cm) :			260			
* Total Dissolved Solids (mg/Lt.) :			169		500	2000
The following results are in mg/liter						
Phenolphthalein Alkalinity :			NIL			
Total Alkalinity (as CaCO ₃) :			10		200	600
Total hardness (as CaCO ₃) :			35		200	600
Calcium hardness (as CaCO ₃) :			15			
Magnesium hardness (as CaCO ₃) :			20			
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) :			0.44		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 Samples are physico-chemically
Satisfactory for Drinking purpose

[Signature]
Principal

SAKETHA HIGH SCHOOL
Vill: Ambala, Mdl: Kamalapur,
Dist: Hanamkonda, Telangana.

[Signature]
Manager

SAKETHA HIGH SCHOOL
Vill: Ambala, Mdl: Kamalapur,
Dist: Hanamkonda, Telangana.

[Signature]
Civil Surgeon Bacteriologist I/C
Regional Laboratory
W A B