



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 : Director;

Collected by : Self Green wood School.

Collected on : 16/10/2016 4.10.27-10-106, K.C. Colony

Received on : 16/10/2016 Caragathigutta, Hanamkonda

Paid / Free :

Receipt No. :

Amount :

0258

230.00

Lab Ref. No.	:	180	IS10500:2012
Address of Sources	:	Drinking (R.O) water from School.	Acceptable limit
Substance or Characteristic	:		Permissible limits in the absence of alternate source
Colour	:	15	5
Odour	:	Agreeable	Agreeable
Turbidity NTU	:	-	1
*P ^H at °C	:	6.7	6.5 - 8.5
Electrical conductivity (at 25° C Micro Mhos /cm)	:	58	No relaxation
* Total Dissolved Solids (mg/Lt.)	:	37	500
The following results are in mg/liter			
Phenolphthalein Alkalinity	:	NIL	
Total Alkalinity (as CaCO ₃)	:	10	200
Total hardness (as CaCO ₃)	:	8	600
Calcium hardness (as CaCO ₃)	:	5	200
Magnesium hardness (as CaCO ₃)	:	3	600
Sulphate (as SO ₄ ²⁻)	:	-	200
Nitrite (as NO ₂)	:	NIL	400
Nitrate (as NO ₃)	:	-	10
*Chloride (as Cl)	:	5	No relaxation
Fluoride (as F)	:	0.01	250
Iron (as Fe)	:	-	1.0
*To neutralize 100 ml of water sample using phenolphthalein indicator with 0.02N Na OH (in ml)	:		1.5
*To neutralize 100 ml of water sample using Mixed indicator with 0.02N H ₂ SO ₄ (in ml)	:		0.3
	:		No relaxation
	:		Not more than 5 ml as per is 456 (2000) (Reaffirmed 2005)
	:		Not more than 25 ml as per is 456 (2000) (Reaffirmed 2005)

The Given water Sample is physico-chemically
 Satisfactory for Drinking Purpose.

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 Senior Analyst

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