

GOVERNMENT OF ANDRAPRADESH

**Rural Water Supply & Sanitation Department**

WATER QUALITY MONITORING LABORATORY

OPP T.D.M OFFICE , NELLORE - 3

**Report of Physical and Chemical Examination of Drinking Water**

Sample Referred from : KENDRIYA VIDYALAYA - KOTHUR NELLORE  
 Collection : 22.07.2019  
 Mandal : NELLORE RURAL - NELLORE DISTRICT  
 Village : KOTHUR  
 Source : DRINKING WATER (R.O. PLANT WATER )

As per IS 10500 - 2012	Results	Minimum	Maximum
1. Colour :		5	25
2. Turbidity(N.T.Us) :	0.2	5	10
3. Odour :		Unobjectionable	
4. PH Ranges :	7.6	...	6.5 - 9.2
5. Electrical Conductivity :	47	...	2,500
Michromhos / Cm2C			

The Following Result in Milligrammes per Litre		Maximum Permissible Limit (Mg/lit)	
6. Total Dissolved Solids (TDS) :	30	500	2,000
7. Alkalinity : i) Phenolphthalein [p]			
[as CaCo3 ]ii) methtyl Orange [M] :	16	..	600
8. Total Hardness [as CaCo3] :	12	200	600
9. Calcium [as CaCo3] :	8	75	200
10. Nitrate [asN] :	1.6	0	45
11. Sulphate [as SO4] :	2.4	200	400
12. Chloride [asCl] :	7	200	1000
13. Fluoride :	0.11	1.0	1.5
14. Iron [as Fe] :	0.12	0.0	0.3
15. Magnesium [as Mg] :	2	30	100

Date of Report : 22.07.2019

Remarks : SUITABLE FOR DRINKING

*[Signature]*  
 Jr. Water Analyst  
 Junior Water Analyst  
 R.W.S. Division Office  
 NELLORE.