

GOVERNMENT OF ANDHRA PRADESH
Rural Water Supply & Sanitation Department
WATER QUALITY MONITORING LABORATORY
PODALAKUR NELLORE DISTRICT

Report of physical and Chemical Examination of Drinking Water

Sample Referred from : NALANDA EM HIGH SCHOOL
 Sample Collection : 29/11/2023
 LOCATION : Gayatri Nagar, Kavali, SPSR Nellore
 Source : RO PLANT WATER (DRINKING WATER)

As per IS 105000-2012 Maximum	Results	Minimum	
1. Colour :		5	25
2. Turbidity (N.T.U.s) :	0.2	5	10
3. Odour :		Unobjectionable	
4. PH Ranges :	7.2	6.5	8.5
5. Electrical Conductivity Michomhos/Cm2C :	46	2500

The Following Result in Miligrammes Per Litre **Maximum**
Permissiable

			Limit (Mg/lit)
6. Total Dissolved Solids (TDS) :	30	500	2000
7. Alkalinity :i) Phenophthalein [p] [as CaCo3] ii) methtyl Orange [M] :	12	200	600
8. Total Hardness [as CaCo3] :	12	200	600
9. Calcium [as CaCo3] :	4	75	200
10. Nitrate [asN] :	2.9	0	45
11. Sulphate [as SO4] :	1	200	1000
12. Chloride [asCl] :	7	200	400
13. Fluoride :	0.03	1.0	1.5
14. Iron [as Fe] :	0.06	0.0	1.0
15. Magnesiun [as Mg] :	2	30	100

Date Of Report : 29/11/2023

Remarks : SUITABLE FOR DRINKING

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 29/11/23
LAB CHEMIST