

**GOVERNMENT OF ANDHRA PRADESH**  
RWS&S Department  
**WATER QUALITY MONITORING LABORATORY, CHITTOOR.**  
**REPORT ON CHEMICAL ANALYSIS OF DRINKING WATER**

Name & Address of sender : **B.V. Reddy Senior Secondary School,  
Satyanarayanapuram, C.G.Palle, Post, Chittoor , AP.**

Sample Collected by : Field Assistant

Date of Received: 20.06.2023

Type of Source : Bore well Water

Date of Report: 22.06.2023

	( BIS-10500)	Units	RESULTS
1. Colour	5 to 25	Hazen	Clear
2. Turbidity	1 to 5	NTU's	0.9
3. pH	6.5 -8.5		7.09
4. Total Dissolved Solids	500 to 2000	mg/litr	461
5. Total Alkalinity (asCaCo3)	200 to 600	mg/litr	368
6. Total Hardness (asCaCo3)	200 to 600	mg/litr	248
7. Calcium (asCa)	75 to 200	mg/litr	77
8. Chloride (as Cl)	250 to 1000	mg/litr	51
9. Fluoride (as F)	1.0 to 1.5	mg/litr	1.48
10. Nitrate	45	mg/litr	8
11. Sulphate (asSo4)	200 to 400	mg/litr	32
12. Iron (as Fe)	0.3 to1.0	mg/litr	0.09

**REPORT ON BACTERIOLOGICAL ANALYSIS OF DRINKING WATER**

	(BIS-10500)	RESULTS
1. MPN of Coli forms bacteria per 100 ml :-	Nil	<2
2. MPN of E-coli per 100 ml :-	Nil	Nil

**Remarks :** The above water sample is Physico-Chemically & Bacteriologically satisfactory as per BIS Standards ( IS-10500-2012).

  
Lab. Chemist/Microbiologist.  
WQM Lab, Chittoor

  
Asst. Exe. Engineer,  
RWS & S, Chittoor.