

**GOVERNMENT OF ANDHRAPRADESH**  
**DIRECTORATE OF I.P.M.PH.LABS, FOOD (H) ADMN, Gollapudi, Vijaywada.**  
**REGIONAL PUBLIC HEALTH LABORATORY, GUNTUR**

**REPORT OF PHYSICO CHEMICAL ANALYSIS OF WATER**

Sample from	Don Bosco English Medium High School, No:59A-21/3-2/14,Vijayanager Colony, Gurunanak Nager Road, Vijayawada, NTR Dt,Andhrapradesh.	Lab. Ref. No:	7839
		Collected on	30.07.2024
		Received on	30.07.2024
Collected by	V.Siva Kumar,ST inpresence of Sri V.Raja Rao SWA.	Source Profile	Ro Water

S. No	Parameter	Source / Sample	Limits as per IS 10500:2012	
		Drinking water Tap (Ro treated) at above address.	Desirable (Acceptable limit)	Permissible limit in the absence of alternative source
<b>Physical Parameters</b>				
1	Colour (Hazen units)	<5.0	5	15
2	Turbidity in NTUS`	0.1	1	5
3	Odour	Unobjectionable	Unobjectionable	Agreeable
4	pH	7.1	6.5 – 8.5	No relaxation
5	Conductivity at 25 °C (Micro Mhos/ Cm)	94	...	
6	TDS (mg/L)	62	500	2,000
<b>Chemical parameters (mg/L)</b>				
1	Alkalinity (as CaCO <sub>3</sub> )	Nil	...	
2	Total Alkalinity. Max	20	200	600
3	Total hardness max	24	300	600
4	Calcium hardness (as CaCO <sub>3</sub> )	12	..	
5	Magnesium hardness (as CaCO <sub>3</sub> )	12	..	
6	Calcium (as Ca)	5.0	75	200
7	Magnesium (as Mg)	3.0	30	100
8	Ammonical Nitrogen	Nil	...	
9	Nitrite (as N)	Nil	...	
10	Chloride (as Cl)	20	250	1,000
11	Fluoride (as F)	0.1	1	1.5
12	Iron (as Fe)	Nil	0.3	No relaxation

**Remarks:** The given sample physico chemically Satisfactory for drinking purpose as the analysed parameters are within the desirable limits.

**CORRESPONDENT**

Don Bosco English Medium High School  
Guru Nanak Road, Patamata  
VIJAYAWADA- 520 007



*Shital Sharma*

**PRINCIPAL**

Don Bosco English Medium High School  
Guru Nanak Road, Patamata  
VIJAYAWADA- 520 007

*Rpm*  
118

**Senior Analyst (Water)**  
Regional Laboratory  
Medical College Campus  
Guntur-4.



**GOVERNMENT OF ANDHRA PRADESH**  
**DIRECTORATE OF I.P.M., P.H.LABS, FOOD (H), ADMINISTRATION, Gollapudi, Vijayawada**  
**REGIONAL P.H.LABORATORY, MEDICAL COLLEGE CAMPUS, GUNTUR -4**  
**REPORT OF MICROBIOLOGICAL ANALYSIS OF WATER**

Sample(s) from: Don Bosco English Medium High School, No:59A-21/3-2/14, Vijayanager Colony,  
Gurunanak Nager Road, Vijayawada, NTR Dt, Andhrapradesh.

Collected on: 30.07.2024

Received on : 30.07.2024

Paid / Free : paid

Collected by : Sri V.Siva Kumar ST, in presence of Sri V.Raja Rao SWA.

S.No	Lab Ref. No	SOURCE	Residual Chlorine mg.per litre	MPN of Coliform Bacteria Per 100 ml.	Nature of Coliform Bacteria Isolated	MP N of Esch coli.
1	7840	Drinking water Tap(Ro) at above address.	Nil	NIL	-	-

**Remarks:-** The given sample is bacteriologically satisfactory for drinking purpose as evidenced by the Nil MPN count of coliform bacteria.



*Shital Sharma*

**PRINCIPAL**  
Don Bosco English Medium High School  
Guru Nanak Road, Patamata  
VIJAYAWADA- 520 007

*R. Srinivas*  
11/8  
**Senior Analyst (Water)**  
Regional Laboratory  
Medical College Campus  
Guntur-4.

*[Signature]*  
**CORRESPONDENT**  
Don Bosco English Medium High School  
Guru Nanak Road, Patamata  
VIJAYAWADA- 520 007