

OFFICE OF THE DISTRICT MEDICAL AND HEALTH OFFICER: KHAMMAM

Rc. No: 03/College/IDSP/2025

Date: 20-05-2025.

SANITARY CERTIFICATE

This is to certify that the management of Sri Chaitanya Vista School,
Near Eenadu Office, Rudramakota, Velugumatla, Khammam Urban, Khammam
District has provided pure drinking water for students. The classes are
sufficient for the maximum number of pupils and they are properly ventilated
and lighted. In all aspects the sanitation is satisfactory as per the inspection
report submitted by the District Surveillance Officer, Integrated Disease
Surveillance Programme (IDSP), Khammam.

This Certificate is valid from **20-05-2025 to 19-05-2026.**

B. Kalayathi Bai
District Medical and Health Officer
Khammam
D/20/5/25

Date: 20-05-2025.
Station: Khammam.



**GOVERNMENT OF TELANGANA
GROUND WATER DEPARTMENT
KHAMMAM DISTRICT
WATER QUALITY LEVEL-II LAB**

Name of the Beneficiary : Sri Chaitanya Vista School Date of sample collected : 18.07.2025

Location of the sample collected : velugumatla ,near Eenadu office Date of submission of sample : 18.07.2025


Type of Well : BoreWell Quantity of sample submitted : 1L
Date of submission of report : 24.07.2025

S.No	Name of the Parameter	Units	Results	Bureau of Indian Standards Limits (10500-2012) for Agri/Domestic Purpose	Remarks
1	pH at 25°C	-	7.26	6.50 to 8.50	
2	Electrical conductivity (EC) at 25 °C	µS/ cm	876	No guidelines	
3	Total dissolved solids	mg/L	561	500-2000	
4	Fluoride (F ⁻)	mg/L	0.23	1.0-1.5	
5	Sodium (Na ⁺)	mg/L	28	No guidelines	
6	Potassium (K ⁺)	mg/L	1	No guidelines	
7	Calcium Ca ⁺ (mg/L)	mg/L	88	75-200	
8	Magnesium (Mg ⁺)	mg/L	58	30-100	
9	Total Hardness as CaCO ₃	mg/L	460	200-600	
10	Carbonate (CO ₃ ⁻²)	mg/L	0	200-600	
11	Bi carbonate (HCO ₃ ⁻)	mg/L	330	200-600	
12	Chloride (Cl ⁻)	mg/L	60	250-1000	
13	Sulphate (SO ₄ ⁻²)	mg/L	20	200-400	
14	Nitrate (NO ₃ ⁻)	mg/L	110	45	
15	Sodium Adsorption Ratio	-	C3S1	0-10 -S1(Low) 10-18 - S2(Medium) 18- 26 -S3(High) > 26 -S4(Very High)	
16	Residual Sodium Carbonate (RSC)	meq /L	Probably Safe	0-1.25 (P.S.), 1.26-2.5 (M.R), 2.5 above (U.S)	

NOTE:

- 1.The analytical results are based on method of sample collected by the individual.
2. The temperature at which pH is determined is the temperature of the samples.
- 3.As per Residual Sodium Carbonate (RSC) classification: (P.S.-Probably Safe, U.S.-Unsafe, MR-Marginally suitable (for agriculture use)).
4. SAR classification is based on USSL diagram (1954), where C - Conductivity, (C1 - Low, C2 - Medium,C3 - High, C4 - Very high), S- Sodium Adsorption Ratio (S1 - Low, S2 - Medium, S3 - High, S4 - Very high); OG -Out of Graph.


Assistant Chemist


District Ground Water Officer
Ground water department
Khammam