

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


Name of the Beneficiary : Sri Chaitanya School Date of sample collected : 05.08.2025  
 Location of the sample collected : Beebigudem, near suguna venture, chivvemla(M), Suryapet Dist. Date of submission of sample : 07.08.2025  
 Type of Well : BoreWell Quantity of sample submitted : 1L  
 Type of sample : Private Date of submission of report : 19.08.2025

S.No	Name of the Parameter	Units	Results	Bureau of Indian Standards Limits (10500-2012) for Agri/Domestic Purpose	Remarks
1	pH at 25 <sup>0</sup> C	-	6.96	6.50 to 8.50	
2	Electrical conductivity (EC) at 25 °C	µS/ cm	2093	No guidelines	
3	Total dissolved solids	mg/L	1340	500-2000	
4	Fluoride (F <sup>-</sup> )	mg/L	0.81	1.0-1.5	
5	Sodium (Na <sup>+</sup> )	mg/L	165	No guidelines	
6	Potassium (K <sup>+</sup> )	mg/L	2	No guidelines	
7	Calcium Ca <sup>+</sup> (mg/L)	mg/L	152	75-200	
8	Magnesium (Mg <sup>+</sup> )	mg/L	102	30-100	
9	Total Hardness as CaCO <sub>3</sub>	mg/L	800	200-600	
10	Carbonate (CO <sub>3</sub> <sup>-2</sup> )	mg/L	0	200-600	
11	Bi carbonate (HCO <sub>3</sub> <sup>-</sup> )	mg/L	430	200-600	
12	Chloride (Cl <sup>-</sup> )	mg/L	350	250-1000	
13	Sulphate (SO <sub>4</sub> <sup>-2</sup> )	mg/L	105	200-400	
14	Nitrate (NO <sub>3</sub> <sup>-</sup> )	mg/L	133	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

  
**OFFICE OF THE MUNICIPAL COUNCIL, SURYAPET**  
**DIST.SURYAPET**

File No.F1/1362/2025.

Date:25/08/2025.

**SANITARY CERTIFICATE**

**(WHOM SO EVER IT MAY CONCERN)**

On the strength and report of Sanitary Inspector of this office, this is to certify that the "SRI CHAITANYA SCHOOL" Sponsored by Nalanda Educational Society, situated at, H.No.2-36/A/3, of BB gudem, Chivvemla(M), Suryapet is having satisfactory Sanitary Condition.

**This Certificate is valid after obtain the below certificates:-**

1. The Establishment owner should maintain the sanitary conditions and should arrange for free flow of wastage.
2. The Establishment owner do not create the disturbance and interruption to the neighbor people.
3. The Establishment owner should obtain all the necessary permissions from line. Departments. i.e., Fire Department, Education Department etc.,
4. Complete plastic ban should be enforced.
5. Adequate number of dustbins should be maintained for segregation wet & dry waste
6. Running water should be provide in all toilets & should be clean, unlocked and functional at all the time.
7. This Certificate is valids for 2025-26 only.

To,  
The Correspondent  
SRI CHAITANYA SCHOOL  
H.No.2-36/A/3, BB gudem, Chivvemla(M)  
SURYAPET

  
Commissioner  
Suryapet Municipality  
  
25/8/2025