



## DISTRICT PUBLIC HEALTH LABORATORY

6-1-3A OLD MATERNITY HOSPITAL ROAD TIRUPATHI  
(Under the Control of the Directorate, I.P.M. P.H. Labs., AP)

### REPORT OF CHEMICAL EXAMINATION OF WATER

Name & Address of Sender	BGS VIJNATHAM SCHOOL KURUKALVA (V) RENIGUNTA (M) TIRUPATI 517520						
				Collected by	School staff		
Date of Sample Collected	18th	MARCH	2024	Date of Receipt	18 <sup>th</sup>	MARCH	2024
Lab Reference Number	095/DPH/C/2024			Receipt Number	CFMS 71591264622023		
Source of the Sample	R O Water * (sample tested as received basis)						

### RESULTS A-PHYSICAL CHARACTERISTICS

S.No	Characteristics	Results	Lower and Upper permissible limit as per IS10500 2012
01	Appearance	Normal	Normal
02	Colour	01	5-10 HU
03	Turbidity (Units)	01	10NTU
04	Odour	No odour	Unobjectionable

### B-CHEMICAL CHARACTERISTICS

05	pH	6.8	6.5-8.5
06	Electrical Conductivity (Microhoms/cm at 25°C)	92	
The following values are expressed as mgs/L			
07	Dissolved Solids (105°C)	46	500
08	Alkalinity/Phenolphalein	0	
09	Methyl Orange (as Ca CO <sub>3</sub> )	15	
10	Total Hardness (as Ca CO <sub>3</sub> )	15	
11	Carbonate Hardness (as Ca CO <sub>3</sub> )	15	
12	Non-Carbonate Hardness (as Ca CO <sub>3</sub> )	0	
13	Chlorides (as Cl)	18	
14	Nitrates (as N)	0	45
15	Flourides (as F)	0.2	0.5-1.5
16	Ammoniacal Nitrogen	Nil	Absent
17	Albuminoidal Nitrogen	Nil	Absent
18	Nitrites (as NO <sub>2</sub> )	Nil	Absent
19	Oxygen consumed from KMnO <sub>4</sub>	ND	
20	Iron	0.1	1.0
21	Sulphates	0	200

### C - BACTERIOLOGICAL EXAMINATION

22	Presumptive coliform test ( MPN )	N	NIL
23	Confirmative test for E coli sp	N	NEGATIVE
24	Other organism isolated if any		

Remarks:

**CHEMICAL QUALITY: SATISFACTORY**

**BACTERIOLOGICAL QUALITY: SATISFACTORY**

Digitally signed by LENOVO  
Date: 2024.07.04 11:58:33 +05:30  
Reason: reason  
Location: location

*Red*  
*m/s/m*  
SENIOR WATER ANALYST  
DIST PUBLIC HEALTH LABORATORY  
6-1-3A OLD MATERNITY HOSPITAL ROAD  
TIRUPATI 517520

**OFFICE OF THE DISTRICT MEDICAL & HEALTH OFFICE, TIRUPATI**

Annexure C

**PROFORMA FOR SAFE DRINKING WATER AND SANITARY CONDITION CERTIFICATE**

Rc.NO.Spl/DMHO/Tpty/2024

Dated:04 /05/2024

It is certified that an inspection team headed by District Medical & Health Officer, Tirupati from District Public Health Laboratory PHED inspected the BGS Vijnatham School at Survey No. 257/1, 257/2, 257/3, 264/1, 265, 266/3, 266/4, 266/5, 267/1 part 267/2 at Kurukulva Village, Renigunta (Mandal), Dist Tirupati 517520, Andhra Pradesh on 18/03/2024 and on the basis of Water Test Report (Attached) bearing no.095/DPH/C/2024 dated 18/03/2024 of (PHED, Lab) certified that the BGS Vijnatham School Tirupati 517520 has safe drinking water facilities for the students and members of staff of the institution. School is also maintains the hygienic sanitation condition in the school building & the campus as per norms prescribed by the Central/State/U.T. Govt.

This certificate is valid till **03/05/2025**

  
District Medical & Health Officer  
Tirupati District  
Dist. Medl. & Health Officer  
Tirupati, Tirupati District-517501

To

The Principal, BGS Vijnatham School Kurukulva Village, Renigunta Dist-Tirupati-517520

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