

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

**REPORT OF PHYSICO CHEMICAL ANALYSIS OF WATER**

Sample from	SFS EM School, Rajuapalem (V&M), Palnadu District – 522 412.	Lab. Ref. No:	1125
		Collected on	06-02-2024
		Received on	06-02-2024
Collected by	Dattu Naik	Source Profile	RO water

S.No	Parameter	Source / Sample Drinking water tap (RO) at School	Limits as per IS 10500:2012	
			Desirable (Acceptable limit)	Permissible limit in the absence of alternative source
Physical Parameters				
1	Colour (Hazen units)	<5.0	5	15
2	Turbidity in NTUS	0.1	1	5
3	Odour	Unobjectionable	Unobjectionable	Agreeable
4	pH	7.0	6.5 – 8.5	No relaxation
5	Conductivity at 25 °C (Micro Mhos/ Cm)	87	...	
6	TDS (mg/L)	57	500	2,000
Chemical parameters (mg/L)				
1	Alkalinity (as CaCO <sub>3</sub> )	Nil	...	
2	Total Alkalinity. Max	16	200	600
3	Total hardness max	20	300	600
4	Calcium hardness (as CaCO <sub>3</sub> )	12	..	
5	Magnesium hardness (as CaCO <sub>3</sub> )	8.0	..	
6	Calcium (as Ca)	5.0	75	200
7	Magnesium (as Mg)	2.0	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 all the analysed parameters are within the desirable limits and satisfactory for drinking purpose.



*(Handwritten signature)*

**PRINCIPAL**  
**S.F.S. E.M. SCHOOL**  
Affiliation No: 130440  
RAJUPALEM (V&M)  
PALNADU (Dt.)-522 412, A.P.

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

*(Handwritten signature)*  
**CORRESPONDENT**  
**S.F.S. E.M. SCHOOL**  
Affiliated to CBSE, New Delhi  
RAJUPALEM (V&M)  
PALNADU (Dt.)-522 412, A.P.

**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: SFS EM School, Rajupalem (V&M), Palnadu District – 522 412

Collected on: 06.02.2024

Received on : 06.02.2024

Paid / Free : Paid

Collected by : Dattu Naik

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	1126	Drinking water tap (RO) at School	Nil	Nil	-	-

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



*[Signature]*  
8/2  
Senior Analyst (Water)  
Regional Laboratory  
Medical College Campus  
Guntur-4

*[Signature]*  
**PRINCIPAL**  
**S.F.S. E.M. SCHOOL**  
Affiliation No: 130440  
RAJUPALEM (V&M)  
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*[Signature]*  
**CORRESPONDENT**  
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Affiliated to CBSE, New Delhi  
RAJUPALEM (V&M)  
PALNADU (Dt.)-522 412, A.P.

## Annexure C

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

No.

Dated: 28-02-2024

It is certified that an inspection team headed by V. SRINIVASA RAO, AE

(Name of Officers with designation) from RWS&S Dept PHED

inspected the S.F.S.E.M School, Rajupalem

(Name & Address of the school) on 28-02-2024 (date of inspection) and on the basis of

Water Test Report (Attached) bearing no. 1125 dated 06-02-2024

of Regional public health laboratory, Guntur (PHED Lab) certified that the

S.F.S.E.M School, Rajupalem (Name of school) 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 March/2026

Signature with Seal:

Name

Designation

Name & Address of the Office / Department :

V. SRINIVASA RAO  
ASSISTANT ENGINEER


RWS&S, Department

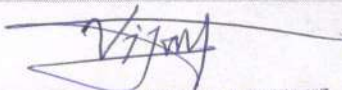
To

S.F.S.E.M School  
Rajupalem

(Name & Address of the Institution)

Note: The certificate is to be issued by authorized officer / PHED Lab / local bodies

  
PRINCIPAL  
S.F.S. E.M. SCHOOL  
Affiliation No: 130440  
RAJUPALEM (V&M)  
PALNADU (Dt.)-522 412, A.P.

  
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