

**GOVERNMENT OF ANDHRAPRADESH
RURAL WATER SUPPLY & SANITATION DEPARTMENT**

IWQM LABORATORY::RWS&S SUB DIVISION KUPPAM

Name: Sri Chaitanya School,
D.no. 90/3A, 3B.,
Gundlasagaram (Vil),
Gudupalli Mandal,
KUPPAM -517426,

Date: 08/07/2026
Source: RO Water

KUPPAM -51/426,

Bottle No-01, RO Water				
S.NO	Parameter	As per BIS 10500:2012		Water sample results,mg/L
		Desirable limit	Maximum permissible limit	
Chemical analysis:				
1	Ec (Micromphos/cm)			145
2	TDS	500 mg/ltr	2000 mg/l	94
3	Turbidity	1 NTU	5 NTU	0
4	PH	6.5	8.5	6.65
5	Alkalinity (as caco3)	200 mg/ltr	600 mg/l	38
6	Total hardness (as caco3)	300 mg/ltr	600 mg/l	46
7	Calcium (as Ca)	75 mg/ltr	200 mg/l	-
8	Magnesium (as Mg)	30 mg/ltr	100 mg/l	-
9	Chloride (as Cl)	250 mg/ltr	1000 mg/l	18.3
10	Fluoride (as F)	1.0 mg/ltr	1.5 mg/l	0.05
11	Nitrate (as No3)	45 mg/ltr	No relaxation	0
13	Sulphate (as So4)	200 mg/ltr	400 mg/l	4
14	Iron (as Fe)	0.3 mg/ltr	1.0 mg/ltr	0.00

Remark: Sample of water is chemically satisfactory as per BIS 10500-2012.

Note: Water samle collect&submitted by Sri Chaitanya School, Gundlasagaram, Gudupalli (M), Kuppam Staff


Assistant Engineer
RWS & S, Kuppam (M)


Chemist / Microbiologist
I.W.Q.M. LAB
RWS & S Sub-Division
KUPPAM

Government of Andhra Pradesh

Rural Water Supply & Sanitation Department

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Report on Bacteriological Analysis of water(Drinking)

Received from: Sri Chaitanya School, Gundlasagaram, Gudupalli (M), Kuppam Staff

Date of collection: 08.07.2026

Date of Analysis: 08.07.2026

Date of issue report: 10.07.2026

Lab Ref No:	Name&Address	Source code/Location	Type of Source	Total Coliform bacteria ,CFU/100 ml	Thermo Tolerent Coliform bacteria/E.Coli	Residual Free Chlorine	Result	Remarks
1	Sri Chaitanya School, D.no. 90/3A, 3B., Gundlasagaram (Vil), Gudupalli Mandal, KUPPAM -517426, Chittoor District	RO Tank	RO Water	0	Absent	0	Safe	Bacteriologically Satisfactory, As per IS:10500-2012

Note-I: Test conducted through tergit-7 Agar

Note-II: Coliform & E.Coli bacteria should not be identified in any 100 ml of drinking water as per IS:10500-2012

Assistant Engineer
RWS & S, Kuppam (M)

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