

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

WQM DIVISIONAL LABORATORY::RWS&S DIVISION MADANAPALLE

Name: Srichaithanya E.M.School,
Katlatapalle road ,H/o Kollabylu
Madanapalle, Annamayya District

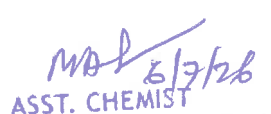
Date: 04/07/2026
Source: RO water

Bottle No-1, 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)			163
2	TDS	500 mg/ltr	2000 mg/l	114
3	Turbidity	1 NTU	5 NTU	0
4	PH	6.5	8.5	6.52
5	Alkalinity (as caco3)	200 mg/ltr	600 mg/l	40
6	Total hardness (as caco3)	300 mg/ltr	600 mg/l	36
7	Calcium (as Ca)	75 mg/ltr	200 mg/l	8
8	Magnesium (as Mg)	30 mg/ltr	100 mg/l	3.9
9	Chloride (as Cl)	250 mg/ltr	1000 mg/l	28
10	Fluoride (as F)	1.0 mg/ltr	1.5 mg/l	0.2
11	Nitrate (as No3)	45 mg/ltr	No relaxation	0
13	Sulphate (as So4)	200 mg/ltr	400 mg/l	..
14	Iron (as Fe)	0.3 mg/ltr	1.0 mg/ltr	0

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

Note : Water sample collected & submitted by Srichaithanya E.M.School, Katlatapalle road ,H/o Kollabylu Madanapalle Staff.


Assistant Executive Engineer
RWS & S, Madanapalle (M)


ASST. CHEMIST
W.Q.M. LAB, RWS & S DIVISION
MADANAPALLE

Government of Andhra Pradesh

Rural Water Supply & Sanitation Department

WQM DIVISIONAL LABORATORY RWS&S DIVISION MADANAPALLE

Report on Bacteriological Analysis of water (Drinking)

Received from: Srichaithanya E.M.School, Katlapalle road, H/o Kollabylu Madanapalle Staff.

Date of collection: 04.07.2026

Date of Analysis: 04.07.2026

Date of issue report: 06.07.2026

Lab Ref No:	Name & Address	Source code/Location	Type of Source	Total Coliform bacteria, CFU/100 ml	Thermo Tolerant Coliform bacteria/E.Coli	Residual Free Chlorine	Result	Remarks
1	Srichaithanya E.M.School, Katlapalle road, H/o Kollabylu Madanapalle, Annamaya 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


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