

GOVERNMENT OF ANDHRAPRADESH
RURAL WATER SUPPLY & SANITATION DEPARTMENT

WQM DIVISIONAL LABORATORY::RWS&S DIVISION MADANAPALLE

Name: Sreevani Educational Society(Oxford School)Nayanicheruvupalle(P&V).
Vinayakanagar.Mulakalacheruvu mandal
Annamayya District

Date:26/07/2025
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)			145
2	TDS	500 mg/ltr	2000 mg/l	101
3	Turbidity	5 JTUs	10 JTUs	0
4	PH	6.5	8.5	7.02
5	Alkalinity (as caco3)	200 mg/ltr	600 mg/l	52
6	Total hardness (as caco3)	300 mg/ltr	600 mg/l	32
7	Calcium (as Ca)	75 mg/ltr	200 mg/l	8
8	Magnesium (as Mg)	30 mg/ltr	100 mg/l	2.9
9	Chloride (as Cl)	250 mg/ltr	1000 mg/l	14
10	Fluoride (as F)	1.0 mg/ltr	1.5 mg/l	0.24
11	Nitrate (as No3)	45 mg/ltr	No relaxation	2.1
13	Sulphate (as So4)	200 mg/ltr	400 mg/l	4
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 samle collected by Sreevani Educational Society(Oxford School) staff.


Deputy Executive Engineer
RWS & S, Madanapalle


ASSISTANT ENGINEER
RWS&S MADANAPALLE


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 form: Sreevani Educational Society(Oxford School) staff. .

Date of collection: 26.07.2025

Date of Analysis: 26.07.2025

Date of issue of report: 28.07.2025

Lab Ref No:	Name & Address	Source code/Location	Type of Source	H2S producing Bacteria	Total Coliform bacteria, CFU/100 ml	Thermo Tolerant Coliform bacteria/E.Coli CFU/100 ml	Residual Free Chlorine	Result
1	Sreevani Educational Society (Oxford School) Nayanicheruvupalle (P&V). Vinayakanagar. Mulakalacheruvu mandal Annamayya District	At School	RO water	Negative	0	0	Nil	Bacteriologically satisfactory As per IS:15185:2016

Note-I : Total coliform & Thermo tolerant bacteria/E.Coli shall not be detectable in any 100 ml of sample water As per IS:15185:2016

Note-II : Test conducted through tergit-7 Agar


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