

GOVERNMENT OF ANDHRA PRADESH
IWQM&S DISTRICT LEVEL WATER TESTING LABORATORY
O/o THE SUPERINTENDENT ENGINEER
RURAL WATER SUPPLY & SANITATION DEPARTMENT
ANANTHAPURAMU DISTRICT

TEST REPORT ON CHEMICAL & BACTERIOLOGICAL ANALYSIS OF WATER (DRINKING)

Name and address of the Customer: *Anantha lakshmi English medium school*

Location of the Sample: *In school*

Name of the Habitation and G.P.: *Stikalapalli (V) & (G.P.)*

Name of the Mandal: *Ananthapuramu (C)*

Test Report ID No: *15*

Date of Collection: *15/07/2025*

Date of Receipt:

Description of the test items: *15*

Date of Analysis: *15/07/2025*

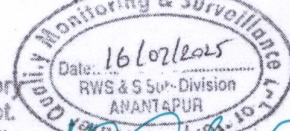
Date of issue: *16/07/2025*

Chemical Analysis								
Sl.No	Physico-Chemical Parameters	Units	Bore water	Filter / clear water	Sump/ Tap water	Delivery point	As per IS (10500-2012)	
							Requirement (Acceptable Limit)	Permissible Limit (in the absence of alternate sources)
							Ranges are Not for Filter Water	
1	Color	Pt-Co	—				5	15
2	Turbidity	NTU	2.0				1	5
3	pH	No units	7.44				6.5-8.5	No relaxation
4	Electrical Conductivity (EC)	µS/cm	1508				—	—
5	Total Dissolved Solids (TDS)	mg/lit	973				500	2000
6	Total Alkalinity as CaCO ₃	mg/lit	360				200	600
7	Total Hardness as CaCO ₃	mg/lit	388				200	600
8	Calcium as Ca ⁺⁺	mg/lit	86.6				75	200
9	Magnesium as Mg ⁺⁺	mg/lit	44.7				30	100
10	Chloride as Cl ⁻	mg/lit	170.2				250	1000
11	Fluoride as F ⁻	mg/lit	0.69				1.0	1.5
12	Nitrate as NO ₃ ⁻	mg/lit	3.7				45	No relaxation
13	Sulphate as SO ₄ ⁻⁻²	mg/lit	49				200	400
14	Iron as Fe	mg/lit	0.09				1.0	No relaxation
15	Free Residual Chlorine	mg/lit	—				0.2	1.0
16	Bacteriological Analysis							
a)	MFM of To t a l Coli form Bacteria/CFU	100 ml	shall not be detected in any 100ml sample					
b)	MFM of Thermo tolerant Coli form Bacteria / E.Coli/CFU	100 ml	shall not be detected in any 100ml sample					

Remarks:- *Acceptable limits*
K. Bhaskar Kumar
Asst. Chemist

District Level Water Testing Laboratory
Rural Water Supply & Sanitation Dept.
Ananthapuramu (Dist).

16/07/25
Microbiologist
District Level Water Testing Laboratory
Rural Water Supply & Sanitation Dept.
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