

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

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

Name and address of the Customer:

Edify World School.

Location of the Sample:

Near NH 44 Highway.

Name of the Habitation and G.P:

Vadiyampeta.

Name of the Mandal:

Bukkareyasa mudram. Ananthapuram (Dist)

Test Report ID No: -

Date of Collection:

Date of Receipt: -

18/06/2025

Description of the test items: 15

Date of Analysis:

Date of issue:

18/06/2025
19/06/2025

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		<1.0			1	5
3	pH	No units		6.5			6.5-8.5	No relaxation
4	Electrical Conductivity (EC)	µS/cm		85.8			-	-
5	Total Dissolved Solids (TDS)	mg/lit		55.3			500	2000
6	Total Alkalinity as CaCO ₃	mg/lit		24			200	600
7	Total Hardness as CaCO ₃	mg/lit		08			200	600
8	Calcium as Ca ⁺⁺	mg/lit		1.6			75	200
9	Magnesium as Mg ⁺⁺	mg/lit		0.9			30	100
10	Chloride as Cl ⁻	mg/lit		25.5			250	1000
11	Fluoride as F ⁻	mg/lit		0.02			1.0	1.5
12	Nitrate as NO ₃ ⁻	mg/lit		0.1			45	No relaxation
13	Sulphate as SO ₄ ⁻⁻²	mg/lit		01			200	400
14	Iron as Fe	mg/lit		0.01			1.0	No relaxation
15	Free Residual Chlorine	mg/lit		—			0.2	1.0

Bacteriological Analysis

16		
a)	MFM of Total Coli form Bacteria/CFU	100 ml
b)	MFM of Thermo tolerant Coli form Bacteria / E.Coli/CFU	100 ml

shall not be detectable in any 100 ml sample
shall not be detectable in any 100 ml sample

Remarks: -

Principal

Edify World School

NH-44, Vadiyampeta

Ananthapur-515731, (A.P)

Asst. Chemist

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

Microbiologist

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Ananthapuramu (Dist).
Ananthapuramu-515731, (A.P)

