



GOVERNMENT OF ANDHRA PRADESH
DIRECTORATE OF IPM, PUBLIC HEALTH LABS AND
FOOD (HEALTH) ADMINISTRATION-AP, VIJAYAWADA

DISTRICT PUBLIC HEALTH LABORATORY

6-1-3A, OLD GOVT, MATERNITY HOSPITAL ROAD, TIRUPATI - 517 507

Lab Ref. No A199/C903 / B887

Date of Report: 17-08-2020

REPORT ON CHEMICAL ANALYSIS AND BACTERIOLOGICAL EXAMINATION OF WATER

SAMPLE RECEIVED FROM:	M/s VISWAM ENGLISH MEDIUM HIGH SCHOOL, D.No.18-12, Thattivaripalle, Angallu, Kurabalakota, Chittoor Dist.
SOURCE OF SAMPLE:	Drinking Water
LOCATION OF SOURCE	Reportedly collected from the as above address.
DATE/TIME OF COLLECTION:	12-08-2020 / 04-00 pm
DATE/TIME OF RECEIPT AT THE LAB:	13-08-2020 / 12-30 pm

S. NO	PARAMETER	TEST VALUE	REF VALUE (Max Permissible Limit)	UNIT OF MEASUREMENT
A) CHEMICAL ANALYSIS				
1	COLOUR	Colourless	Colourless	
2	TURBIDITY	< 1.0 NT Units	25	° NT Units
3	ODOUR	Unobjectionable	Unobjectionable	
4	pH	6.8	6.5-9.2	
5	TOTAL DISSOLVED SOLIDS (TDS)	72	2000	mg/L
6	ELE. CONDUCTIVITY (AT 28c)	110		mmhos/cm
7	ALKALINITY (AS CaCO ₃) - PHENOLPHALEIN ALK.	Nil		mg/L
8	METHYL ORANGE ALK.	50	600	mg/L
9	HARDNESS (as CaCO ₃) - TOTAL HARDNESS	10	600	mg/L
10	CARBONATE HARDNESS	10		mg/L
11	NON CARBONATE HARDNESS	Nil		mg/L
12	CHLORIDES (asCl)	20	600	mg/L
13	FLOURIDES (as f)	< 0.2	1.5	mg/L
14	AMM. NITROGEN	-	0.05	mg/L
15	NITRITES (asNO ₂)	Absent	Absent	
16	SULPHATES (as SO ₄)	-	400	mg/L
17	RESIDUAL CHLORINE (RC)	Nil		PPM
B) BACTERIOLOGICAL EXAMINATION				
1	PRESUMPTIVE COLIFORM TEST: MOST PROBABLE NUMBER (MPN)	Nil	NIL	
2	CONFIRMATORY TEST FOR E. COLI	-	Negative	
3	OTHER ORGANISMS ISOLATED	-		

Viswam Educational Society

REMARKS: The above given water sample is Chemically and Bacteriologically Satisfactory.

NOTE: Limits as per IS 10500:2012

PRINCIPAL
Viswam E.M. High School
ANGALLU, Kurabalakota (Mdl)
Chittoor Dist., A P



Secretary Cum Correspondent

SENIOR ANALYST (WATER)