



DISTRICT PUBLIC HEALTH LABORATORY

6-1-3A OLD MATERNITY HOSPITAL ROAD TIRUPATHI
(Under the Control of the Directorate, I.P.M. P.H. Labs, AP)

REPORT OF CHEMICAL EXAMINATION OF WATER

Name & Address of Sender	M/S. SRI CHAITANYA ENGLISH MEDIUM SCHOOL DOOR NO: 5, BESIDE SRI SAI ENGINEERING COLLEGE MASAPETA, RAYACHOTY (M) ANNAMAYYA-DIST. AP		
Sender's Reference No.		Collected by	Self
Date of Sample Collected	03rd	AUGUST	2026
Lab Reference Number	181/DPH/C/2026	Date of Receipt	03rd AUGUST 2026
Source of the Sample	RO WATER *(sample tested as received basis)		

RESULTS A-PHYSICAL CHARACTERISTICS

S.No	Characteristics	Results	Lower and Upper permissible limit as per IS10500 2012
01	Appearance	Normal	Normal
02	Colour	01	5-10 HU
03	Turbidity (Units)	01	10NTU
04	Odour	No odour	Unobjectionable

B-CHEMICAL CHARACTERISTICS

05	p ^H	7.0	6.5 -8.5
06	Electrical Conductivity(Microhoms/cm at 25°C	95	
The following values are expressed as mgs/L			
07	Dissolved Solids (105°C)	63	500-1500
08	Alkalinity/Phenolphalein	0	
09	Methyl Orange (as Ca CO ₃)	20	300-600
10	Total Hardness (as Ca CO ₃)	15	200-600
11	Carbonate Hardness (as Ca CO ₃)	10	
12	Non-Carbonate Hardness (as Ca CO ₃)	0	
13	Chlorides (as Cl)	20	200-600
14	Nitrates (as N)	0	45
15	Flourides (as F)	0.2	0.5-1.5
16	Ammoniacal Nitrogen	Nil	Absent
17	Albuminoidal Nitrogen	Nil	Absent
18	Nitrites (as NO ₂)	Nil	Absent
19	Oxygen consumed from KMnO ₄	ND	
20	Iron	0.1	1.0
21	Sulphates	0	200

C - BACTERIOLOGICAL EXAMINATION

22	Presumptive coliform test (MPN)	N	NIL
23	Confirmative test for E coli sp	N	NEGATIVE
24	Other organism isolated if any		

Remarks:

CHEMICAL QUALITY: SATISFACTORY

BACTERIOLOGICAL: SATISFACTORY


CIVIL ASST. SURGEON
I/C DIST. PUBLIC HEALTH LABORATORY
TIRUPATI-517507

