



**REGIONAL PUBLIC HEALTH LABORATORY
VISAKHAPATNAM**

Water Analysis Report (Chemical & Bacteriological)

To **ST FRANCIS DE SALES SCHOOL(CBSE),
Seethammadhara,
Visakhapatnam-530103.**

Date of Collection : 20.08.2025

Date of Receipt : 20.08.2025

IS: 10500-2012

Collected by:

Self

Source of the Sample:

RO water

Lab. Ref No: 703

Desirable
limit

Maximum
permissible
limit in the
absence of
alternative
source

1	Colour	Colourless	5	15
		Odourless		Agreeable
2	Odour			
			Agreeable	
3	pH	6.5	6.5 to 8.5	No relaxation
4	Conductivity ($\mu\Omega$) ⁻¹	100		
5	Total Dissolved Solids mg/L	66	500	2000
6	Ammonical Nitro _x	Nil	..	..
7	Nitrite Nitrogen a _{..}	Nil	..	..
8	Phenolphthalein All _{..}	Nil	..	..
9	Total Alkalinity as C _{..}	52	200	600
10	Total Hardness as C _{..}	48	300	600
11	Calcium Hardness _{..}	28	..	..
12	Magnesium Hard _{..}	20	..	..
13	Calcium as Ca _{..}	11.2	75	200
14	Magnesium as Mg _{..}	4.9	30	100
15	Non Carbonate Har _{..}	Nil	..	..
16	Chlorides as Cl _{..}	20	250	1000
17	Fluoride as F _{..}	0.1	0.5	1.5
18	Iron as Fe _{..}	Nil	0.3	1.0
19	Free Residual Chlor _{..}	Nil	0.2-0.5	...
<u>Bacteriological analysis</u>				
20	MPN count of Coliform Bacteria/per 100ml	Nil	Nil	No relaxation
21	Coliform bacteria	...	...	..

Remarks: The given water sample is Physico chemically and Bacteriologically satisfactory for drinking purpose.

23.8.25.
 Junior Scientific Officer
 & Food Analyst
 Regional (P.H.) Laboratory
 VISAKHAPATNAM