



GOVERNMENT OF ANDHRA PRADESH
REGIONAL PUBLIC HEALTH LABORATORY
VISAKHAPATNAM

Water Analysis Report (Chemical & Bacteriological)

To : PM SHRI KENDRIYA VIDYALAYA NO.2, Sri Vijaya Nagar, Industrial Estate P.O., Visakhapatnam-007.	Date of Collection : Date of Receipt :	29.09.2025 29.09.2025
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Collected by:	Self
Lab. Ref No:	887
Source of the Sample:	Municipal Corporation water through MES, 104 area, Visakhapatnam.

Sl. No.	Parameters (IS: 10500/2012)	Units	Test Results	Desirable limit (Sources)	Alternative sources (Maximum)
<u>Physico,chemical Analysis</u>					
1	Colour		Colourless	5	15
2	Odour		Odour less	Agreeble	Agreeble
3	pH		7.3	6.5 to 8.5	No relaxation
4	Conductivity ($\mu\Omega$) ⁻¹		430		
5	Total Dissolved Solids	mg/L	285	500	2000
6	Ammonical Nitrogen	mg/L	Nil	..	..
7	Nitrite Nitrogen as N	mg/L	Nil	..	..
8	Phenolphthalein Alkalinity	mg/L	Nil	..	..
9	Total Alkalinity as CaCO ₃	mg/L	144	200	600
10	Total Hardness as CaCO ₃	mg/L	112	200	600
11	Calcium Hardness	mg/L	48	..	..
12	Magnesium Hardness	mg/L	64	..	..
13	Calcium as Ca	mg/L	19.2	75	200
14	Magnesium as Mg	mg/L	15.6	30	100
15	Non Carbonate Hardness	mg/L	Nil	..	..
16	Chlorides as Cl	mg/L	44	250	1000
17	Sulphates as SO ₄	mg/L	...	200	400
18	Iron as Fe	mg/L	Nil	0.3	1.0
19	Free Residual Chlorine	mg/L	Light Traces	0.2-1.0	...
<u>Bacteriological Analysis</u>					
20	MPN count of Coliform Bacteria/per 100ml		Nil	Nil	No relaxation
21	E.coli / Thermotolerant Coliforms		Nil	...	...

Report : The given sample is **satisfactory** due to standards are given within the limit as per IS : 10500/2012.

R. S. J.
Junior Scientific Officer
& Food Analyst
29.09.25
Regional (P.H.) Laboratory
VISAKHAPATNAM



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Date of Collection : 29.09.2025
Date of Receipt : 29.09.2025

Collected by: Self

Lab. Ref No: 888

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13	Calcium as Ca	mg/L	19.2	75	200
14	Magnesium as Mg	mg/L	15.6	30	100
15	Non Carbonate Hardness	mg/L	Nil	..	..
16	Chlorides as Cl	mg/L	44	250	1000
17	Sulphates as SO4	mg/L	...	200	400
18	Iron as Fe	mg/L	Nil	0.3	1.0
19	Free Residual Chlorine	mg/L	Nil	0.2-1.0	...
<u>Bacteriological Analysis</u>					
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Principal
PRINCIPAL
PM SHRI KENDRIYA VIDYALAYA NO.2
श्री विजयनगर/SRI VIJAYANAGAR
विशाखपट्टणम/VISAKHAPATNAM