



REGIONAL PUBLIC HEALTH LABORATORY
VISAKHAPATNAM

Water Analysis Report (Chemical & Bacteriological)

To : PRINCIPAL PM Shri Kendriya Vidyalaya No:1, Industrial Estate, Visakhapatnam-530007	Date of Collection : Date of Receipt : 	05.05.2026 05.05.2026
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Collected by:	Self	Receipt No: 5948	Rs: 380/-
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Lab. Ref No:	567
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Source of the Sample:	GVMC water through MES ,104 Area,Visakhapatnam
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Sl. No.	Parameters (IS: 10500/2012)	Units	Test Results	Desirable limit (Sources)	Alternative sources (Maximum)
Physico,chemical Analysis					
1	Colour		Colourless	5	15
2	Odour		Odourless	Agreeble	Agreeble
3	pH		6.9	6.5 to 8.5	No relaxation
4	Conductivity ($\mu\Omega$) ⁻¹		220		
5	Total Dissolved Solids	mg/L	145	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	92	200	600
10	Total Hardness as CaCO ₃	mg/L	72	200	600
11	Calcium Hardness	mg/L	28	..	..
12	Magnesium Hardness	mg/L	44	..	..
13	Calcium as Ca	mg/L	11.2	75	200
14	Magnesium as Mg	mg/L	10.7	30	100
15	Non Carbonate Hardness	mg/L	Nil	..	..
16	Chlorides as Cl	mg/L	16	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	0.2	0.2-1.0	...
Bacteriological Analysis					
20	MPN count of Coliform Bacteria/per 100ml		Nil	Nil	No relaxation
21	E.coli / Thermotolerant Coliforms		Not detectable	...	...

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

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REGIONAL PUBLIC HEALTH LABORATORY
VISAKHAPATNAM