

**GOVERNMENT OF ANDHRA PRADESH
RURAL WATER SUPPLY AND SANITATION
WATER QUALITY MONITORING LABORATORY, BANAGANAPALLI.
REPORT ON BACTERIOLOGICAL EXAMINATION OF WATER SAMPLE**

Mandal : *Koitalaumbha*

Village : *Koitalaumbha*

Laboratory Reference No.

- | | |
|--|---|
| 1) Sample received from | : <i>St. Joseph's Highschool, Koitalaumbha.</i> |
| 2) Sample collected by | : <i>St. Joseph's Highschool.</i> |
| 3) Source of water | : <i>RO water</i> |
| 4) Place where collected | : <i>St. Joseph's Highschool.</i> |
| 5) Date and time of collection | : <i>15/4/2024</i> |
| 6) Date and time of receipt in Laboratory: | <i>17/4/2024.</i> |

TEST	Reporting Results	Standards of Bacteriological Quality (as per Indian Standard drinking Water Specification. I.S. 10500 : 2012)
* 1) MPN of coliform organisms per 100 ml. of water sample	<i>NIL</i>	Should not contain more than <i>2</i> No.
** 2) E. Coli in 100ml. of water sample	<i>NIL</i>	Should be absent.

Remarks : *The above water sample is bacteriologically safe for drinking*

Date : *16/4/2024*

- * Most Probable Number
- ** Escherichia coli

B. Srinivas
Assistant Engineer
WQ M. Laboratory
RWS & S. Sub Division, Banaganapalli

[Signature]
16/4/24
Microbiologist
WQ M. Laboratory
RWS & S. Sub Division, Banaganapalli.

Government of Andhra Pradesh
Rural Water Supply & Sanitation Department
Report on Chemical Analysis of Water (Drinking) General (Physico-chemical Parameters)

Received from : *St. Joseph's Highschool koilakuntla*

Date of Collection : *15-04-2024* Date of Received : *15-04-2024*

Date of Analysis: *15-04-2024*

Date of issue : *16-04-2024*

Sl. no	Mandal	G.P	Source code / location	Type of Source	Colour	Turbidity	pH	EC	Total Dissolved Solids	Total Alkalinity as CaCO ₃	Total Hardness as CaCO ₃	Calcium as Ca ⁺⁺	Magnesium as Mg ⁺⁺	Chloride as Cl ⁻	Fluoride as F ⁻	Nitrate as NO ₃ ⁻	Sulfate as SO ₄ ⁻²	Iron as Fe	Sodium as Na ⁺	Potassium as K ⁺	Silica as SiO ₂	Remarks
			Requirement (Acceptable limits)		5.0	1.0	6.5-8.5	—	500	200	200	75	30	250	1	45.0	200	1.0	—	—	—	
			Permissible limits in the absence of alternate source		15.0	5.0	No relaxation	—	2000	600	600	200	100	1000	1.5	No relaxation	400	No relaxation	—	—	—	
			Units		Pt-Co Units	NTU	—	(μ S/cm)	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	
1	koilakuntla	koilakuntla	St. Joseph's High School [Filter water]	R.O water	Agreeable	Agreeable	6.32	245	159	32	28	05	04	77	0.04	3.8	05	0.04	—	—	—	
																		SATISFACTORY				
												<i>B. Jain</i> <i>16/4/24</i>				<i>K. Rehana</i> <i>16/04/2024</i>						
												Assistant Engineer WQ M. Laboratory RWS & S. Sub Division, Banaganapalli				Assistant Chemist WQ M. Laboratory RWS & S. Sub Division, Banaganapalli						