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### Report on Analysis of Water for Drinking purposes

No. DPHL KR/W-568/07/ 2197 /2023

Date: 24 /07/2023

SAMPLE DATA		
Sample Of: Drinking water	Source address: PRINCIPAL Dr. D.Y.Patil Academy, Shantinikentan, Kolhapur	
Container details : Plastic Bottle	Letter details : Date 14/07/2023	
Collected on : 14/07/2023	Received at lab on : 14/07/2023	Testing completed on : 24/07/2023
Sender details: PRINCIPAL Dr. D.Y.Patil Academy, Shantinikentan, Kolhapur		
Std. Reference- Amendment no.1 June 2015 DRINKING WATER - SPECIFICATION		

TEST DATA						
Sr. No	Parameter	Result	Unit	As per IS 10500:2012		Method
				Acceptable Limit	Permissible Limit	
Organoleptic and Physical Parameter						
1	Physical appearance	Clear	--	--	--	--
2	Odour	Agreeable	--	Agreeable	Agreeable	--
3	pH	6.6	--	6.5 - 8.5	No Relaxation	APHA Ed.22 <sup>nd</sup>
4	Turbidity	0.20	NTU	1.0	5.0	(2012)
5	Total Dissolved Solid	50.0	mg/litre	500.0	2000.0	
General parameter concerning substances undesirable in excessive amount						
6	Chloride (as Cl <sub>2</sub> )	3.31	mg/litre	250.0	1000.0	APHA Ed.22 <sup>nd</sup> (2012)
7	Fluoride (as F)	0.063	mg/litre	1.00	1.50	
8	Iron (as Fe)	0.051	mg/litre	1.0	No Relaxation	
9	Nitrate (as NO <sub>3</sub> )	Not Detected	mg/litre	45.0	No Relaxation	
10	Total Alkalinity (as CaCO <sub>3</sub> )	21.30	mg/litre	200.0	600.0	
11	Total Hardness (as CaCO <sub>3</sub> )	34.56	mg/litre	200.0	600.0	
END OF TEST RESULT						

#### \*REMARKS\*

- ◆ The sample is not collected by laboratory
- ◆ Analysis results pertain only to 'as received' sample and without prejudice to its source/process.
- ◆ The sample is potable and chemically fit for drinking purpose on the basis of analysed parameter only. However can be used for drinking purpose only after proper treatment, disinfection and ascertaining its bacteriological quality frequently or regularly
- ◆ विद्येवच घटक अक्षरान्तर दृष्ट्या सदर नमुना पिण्यास योग्य असून, योग्य प्रक्रिया वा निर्जंतुकीकरण करून अनुसंधान विद्येवचान्तरें पिण्यास योग्य असल्याची खात्री शासनांतर्गत पाणी पिण्यासाठी वापरणे.

----- END OF REMARKS -----

  
 Junior Scientific Officer  
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सत्यमेव जयते

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महाराष्ट्र शासन

## Report on Bacteriological Analysis of Water

No. 14G-63.DPHL KR-274/ Pvt U-13/ 214 /07/2023

Date: 21 /07 /2023

SAMPLE DATA	
Samples of: Drinking Water	Sender details:-Principal Dr.D.Y.Patil , Academy,Shantiniketan,Kolhapur
Container details : Glass bottle	Letter details: ---/14.07.2023.
Collected on: 14.07.2023.	Received at lab /Analysis on: 14.07.2023.
(Standard Reference: IS:10500:2012, Drinking Water – Specification)	

TEST DATA			
Sr. No.	Organism	Result	Requirement
1	Total Coliforms /100 ml	Not detected	Should not be detectable in 100 ml
2	Thermotolerant coliforms /100 ml	Not detected	Should not be detectable in 100 ml
3	E.Coli / 100 ml	Not detected	Should not be detectable in 100 ml
END OF TEST RESULT			

### REMARKS and OPINIONS:

- ❖ Sample is not collected by laboratory.
- ❖ It is presume that representative sample send for analysis and results pertain only to 'as received' and without prejudice to its source/process.
- ❖ Sample is potable and fit for drinking purposes on the basis of organism tested.
- ❖ सदर पाणी नमुना अणुजीवीय दृष्ट्या पिण्यास योग्य आहे

END OF OPINIONS and REMARKS

दुल्क	340/-
पावती क्रमांक	8416417
दिनांक	14.07.2023

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