

**OFFICE OF THE EXECUTIVE ENGINEER CONSTRUCTION DIVISION,**

**U.P. JAL NIGAM, FAIZABAD**

**Physical and Chemical Analysis of Water Sample**

**DISTRICT LAB AYODHYA**

**TEST REPORT**

Reference Letter No. dt. 21-9-2021 ..... District ..... Ayodhya .....  
Source of Sample (Hand pumps or Tube well) Handpump ..... Tehsil ..... Sadar .....  
Source of Condition ..... Block .....  
Date of Sampling ..... 21-09-2021 ..... Gram Panchayat .....  
Date of Testing ..... 21-09-2021 ..... Revenue Village (Sensus Code) .....  
Name of Sample Collector ..... Habitation .....  
Name of Junior Engineer ..... Year of Installation of Source .....  
Name of Place K.T. Public School, Ayodhya

Sl.No.	Characteristics	Result	Physical and Chemical		Remarks
			Acceptable	Cause for Rejection	
<b><u>PHYSICAL TEST</u></b>					
1.	Turbidity	...0.12.....	IONTU	25 NTU	
2.	Ph	...7.2.....	6.5 to 8.5	<6.5 to 9.2>	
<b><u>CHEMICAL TEST</u></b>					
3	Total Dissolved Solid	...291.....	500	1500	
4	Total Hardness as "CaCO3"	260	200	600	
5	Chloride as "Cl"	...18.....	200	1000	
6	Fluoride as "F"	...0.50.....	1.00	1.50	
7	Nitrates as "NO3"	...8.86.....	45	>45	
8	Iron as "Fe"	...0.05.....	0.10	1.00	
9	Alkalinity	...268.....	200	600	
10	Sulphate	...9.6.....	200	400	
11	Residual Chlorine (P.P.M.)	.....	0.2	1.0	
12	Arsenic (ppb)	...Nil.....	10	50	

*RTM*  
22.09.21  
Lab Assistant

*22/9*  
Assistant Engineer  
Construction Division  
U.P. Jal Nigam,  
Ayodhya