

**PUBLIC HEALTH ENGINEERING DEPARTMENT GOV. OF BIHAR**

Water Quality Test Report

P.H.Division, Jehanabad

1. District- Jehanabad
2. Block - Jehanabad
3. Panchayat- Nagar Parisad
4. Village/Ward no- Court Area Jehanabad
5. Beneficiary Name- Shantikunj Public School,
6. Name of the Scheme- RO
7. Lt No. - 2703

Sample collected by- JE  
Date of Sampling:- 11-09-2024  
Testing Date:- 17-09-2024

Sl no	PARAMETERS	Desirable Limit (value in mg/l except pH)	Permissible limit in Absence of Alternative Source	Water testing result (In mg/l)	Remarks
1	Turbidity	1.0 NTU	5.0 NTU	0.1	Analysed sample of water conforms to Indian standard limit (IS 10500:2012)
2	pH	6.5-8.5	No relaxation	7.24	
3	Conductivity	-	-	450	
4	Total Hardness	200	600	120	
5	Total Alkalinity	200	600	160	
6	Calcium	75	200	32.06	
7	Magnesium	30	100	9.72	
8	Chloride	250	1000	40	
9	Sulphate	200	400	11.36	
10	Iron	1	No relaxation	0.11	
11	Nitrate	45	No relaxation	3.21	
12	Fluoride	1	1.5	0.14	
13	TDS	500	2000	292	
14	Arsenic	0.01	No relaxation	BDL	
15	T.Coliform	Absent	Absent	Negative	

Note:- [i] Drinking water specification second Revision- IS:10500:2012, [ii] BDL means Below Detection limit, [iii] NR means no relaxation.

Amif Kumar  
Signature of the CHEMIST  
P.H Division Jehanabad.  
**CHEMIST**  
P. H. DIV.  
JEHANABAD.

Signature  
18/9/24  
Executive Engineer  
P.H Division Jehanabad.  
**Executive Engineer**  
P.H. Division Jehanabad