



OFFICE OF THE CHEMIST  
WATER TESTING LABORATORY PUBLIC HEALTH  
ENGINEERING DEPARTMENT, FATEHABAD

E-mail:-chemist.fatehabad@phedharyana.gov.in,



Chemical Examination Report of Water Sample

Test Report No :- FTBD/00617/5/2024	Issue Date :- 16-05-2024	TC-12220
Issue To:- PM SHRI GSSS SHAKARPURA,VPO SHAKARPURA,TOHANA	Location:- W/S PM SHRI GSSS SHAKARPURA	
Your Reference No - By Hand Date 14-05-2024	Collected By :- Sender himself	
Sample Type - Drinking Water	Sample Received Date & Time :- 14-05-2024	
Lab Job Order No.- PC - 2039214	Sample Received Date & Time :- 14-05-2024	
Date(s) of Analysis :- 14-05-2024 to 14-05-2024	Sample Quantity :- 1 Ltr	

Environmental Condition :- Temp.  $25 \pm 2$  °C Humidity  $55 \pm 15$  %

Results

S. No.	Parameter	Protocol Used	Results	IS: 10500:2012 (Second Revision) RA- 2018		Unit
				Desirable limit	Max. Permissible limit (in absence better alternate source)	
1	Total Dissolved Solids @ $180^{\circ}\text{C} \pm 2^{\circ}\text{C}$	APHA 24th Edition - 2540 C	132	600	2000	mg/L
2	Total Hardness (as CaCo <sub>3</sub> )	APHA 24th Edition-2340-Hardness Method C ( EDTA Method):	110	200	600	mg/L
3	Calcium (as Ca)	APHA 24th Edition 3500-C	24.048	75	200	mg/L
4	Magnesium (as Mg)	APHA 24th Edition 3500-Mg Method B (Calculation)	12.15	30	100	mg/L
5	Total Alkalinity (as CaCo <sub>3</sub> )	APHA 24th Edition-2320-Method B ( Titration )	90	200	600	mg/L
6	Chloride (as Cl)	APHA 24th Edition 4500-Cl Method B( Argentometric Method) 2017	54.9	250	1000	mg/L
7	pH @ $25^{\circ}\text{C}$	APHA 24th Edition 4500-H+Method B	7.81	6.5 -8.5	No relaxation	-
8	Turbidity	APHA 24th Edition - 2130	1.16	1	5	NTU
9	Taste	IS 3025 (PART-7)	Agreeable	Agreeable	Agreeable	-
10	Odour	IS 3025 (PART-5)	Agreeable	Agreeable	Agreeable	-
11	Color	APHA 24th Edition 2120 B	<5	5 Hazen	15 Hazan Units	Hazen Units

Remarks:-The Parameter Tested at Sr.No 1-11 as per requirement of IS:10500:2012 second Revision (RA2018).

Notes:

- The results given above are related to the sample as received and tested in PHED Lab, Fatehabad Reliability of sample lies with the sender.
- The test report can't be regenerated/re-produced in whole or in part without written permission of Laboratory.
- The test report can't be used for any publicity or any legal purpose.
- The test samples meant for chemical analysis will be disposed off after 15 days from the date of issue of test report unless until specifically requested by the customer for retaining over a longer period.

(Kanchan Bishnoi)

Authorized Signatory/Chemist  
PHED Water Testing Laboratory, Fatehabad



**OFFICE OF THE CHEMIST**  
**WATER TESTING LABORATORY PUBLIC HEALTH**  
**ENGINEERING DEPARTMENT, FATEHABAD**

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**Chemical Examination Report of Water Sample**

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Issue To:- PM SHRI GSSS SHAKARPURA,VPO SHAKARPURA,TOHANA	Location:- W/S PM SHRI GSSS SHAKARPURA
Your Reference No - By Hand Date 14-05-2024	Collected By :- Sender himself
Sample Type - Drinking Water	Sample Received Date & Time :- 14-05-2024
Lab Job Order No.- PC - 2039214	Sample Received Date & Time :- 14-05-2024
Date(s) of Analysis :- 14-05-2024 to 14-05-2024	Sample Quantity :- 1 Ltr

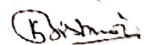
Environmental Condition :- Temp.  $25 \pm 2$  °C Humidity  $55 \pm 15$  %

**Results**

S. No.	Parameter	Protocol Used	Results	IS: 10500:2012 (Second Revision) RA- 2018		Unit
				Desirable limit	Max. Permissible limit (in absence better alternate source)	
12	Iron	APHA 3500-Fe B,2017 23rd Edition 2017	0.06	1.0	1.0	mg/L
13	Sulphate	APHA 4500 E 23rd Edition 2017	14	200	400	mg/L
14	Fluoride (as F)	APHA 4500 -F D,C2017 23rd Edition 2017	0.26	1.0	1.5	mg/L
15	Nitrate (as NO <sub>3</sub> )	APHA 4500-NO <sub>3</sub> -D:2017 23rd Edition 2017	1.28	45	No relaxation	mg/L

Remarks:-The Parameter Tested at Sr.No 7-11 as per requirement of IS:10500:2012 second Revision (RA2018).  
Note

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(Kanchan Bishnoi)  
Authorized Signatory/Chemist  
PHED Water Testing Laboratory, Fatehabad

**PUBLIC HEALTH ENGINEERING DEPARTMENT, HARYANA**

**Payment Receipt Of Water Sample Test (Consumer Copy)**

Test ID : S31381	Date : 14-May-2024 12:33:47 PM
Received from : PM SHRI GSSS SHAKARPURA	Lab Name : FATEHABAD Distt. Lab. .
District : FATEHABAD	Chemist: KANCHAN BISHNOI
Block : JAKHAL	Sample Location : VPO SHAKARPURA .
Village : SHAKARPURA	Address : Main Water Works, Bhattu Road
By : Online Payment	
Online Transaction No. : S062503ab66a67aad00	GRN No. : 116632735
Test Name: Physical & Chemical Test	
Test Parameter	
Total Dissolved Solids @ 180°C ± 2°C	
Total Hardness as CaCO <sub>3</sub>	
Calcium as Ca	
Magnesium as Mg	
Iron as Fe	
Chloride as Cl	
Sulphate as SO <sub>4</sub>	
Fluoride as F	
Nitrate as NO <sub>3</sub>	
pH @ 25°C	
Total Alkalinity	
Color	
Odour	
Taste	
Turbidity	
Free Residual Chlorine	
Rs. 250 ( In words TWO HUNDRED AND FIFTY only)	



कार्यालय उपमंडल अभियंता, जन-स्वास्थ्य अभियांत्रिकी उपमंडल नं. 1, टोहाना ।  
O/O The Sub Divisional Engineer, Public Health Engg. Sub Division No.1, Tohana.  
E-Mail ID :- [sdo.officetohana@gmail.com](mailto:sdo.officetohana@gmail.com)



To

The Principal  
PM Shri Govt. Sr. Sec. School (Code-3420)  
Shakarpura Block Jakhal Distt. Fatehabad.

Memo No. : 1476

Date : 07.05.2024

Sub :- Safe Drinking Water Certificate Issue करवाने बारे।

Ref :- Vide your Office Memo No. 100/2024 dated 02.05.2024


On the above noted subject it is submitted that as reported by Junior Engineer Incharge of village Shakarpura that above said PM Shri Govt. Sr. Sec. School situated at Shakarpura and drinking water is being supplied every day with sufficient quantity in the School.

  
Sub Divisional Engineer

Endst. No. :

Date : 07.05.2024

A copy of the above is forwarded to The Executive Engineer, Public Health Engineering Division Tohana for information please. This is w.r.t. your office Endst. No. 7125 dated 03.05.2024.

  
Sub Divisional Engineer