



कार्यालय उपमण्डल अभियंता जन स्वास्थ्य अभियांत्रिकी उपमंडल न० ३, फतेहाबाद
O/O THE SUB DIVISIONAL ENGINEER PUBLIC HEALTH ENGG. SUB DIVISION No. 3, Fatehabad
Email ID: - sde3fatehabad@gmail.com



To

The Principal,
PM Shri Govt. Sr. Sec. School,
Shekhupur Daroli, (Fatehabad)

Memo No. ५१२६


Dated ०५/१२/२३

Subject: - Safe Drinking Water Certificate जारी करवाने बारे |
Ref:- Your office letter no. 5395 Dated 01.12.2023

In this Connection, kindly find enclosed herewith the test report of the water sample collected from your school. It is intimated here that water is safe and potable in your School.

This is for your kind information and necessary action, please.

DA/ As above

Satpal Rose 
Sub Divisional Engineer,
P.H.E. Sub Division No. 3
Fatehabad



**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

TC-12220

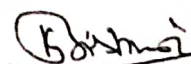
Test Report No :- FTBD/03169/12/2023			Issue Date :- 01-12-2023			
Issue To:- Principal PM Shri Govt. Sr. Sec School,Shekhupur Daroli ,Fatehabad			Location :- PM Shri Govt. Sr. Sec School			
Your Reference No - By Hand Date 01-12-2023			Collected By :- Mukesh kumar (Client)			
Sample Type - Drinking Water			Sample Received Date & Time :- 01-12-2023			
Lab Job Order No.- PC - 1931993			Sample Received Date & Time :- 01-12-2023			
Date(s) of Analysis :- 01-12-2023 to 01-12-2023			Sample Quantity :- 1 Ltr			
Eviornental Condition :- Temp. 25± 2 °C Humidity 55 ± 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°c ± 2°c	APHA 24th Edition - 2540 C	110	600	2000	mg/L
2	Total Hardness (as CaCo3)	APHA 24th Edition-2340-Hardness Method C (EDTA Method):	80	200	600	mg/L
3	Calcium (as Ca)	APHA 24th Edition 3500-C	28.056	75	200	mg/L
4	Magnesium (as Mg)	APHA 24th Edition 3500-Mg Method B (Calculation)	2.43	30	100	mg/L
5	Total Alkalinity (as CaCo3)	APHA 24th Edition-2320-Method B (Titration)	50	200	600	mg/L
6	Chloride (as Cl)	APHA 24th Edition 4500-Cl Method B(Agrentometric Method) 2017	39.90	250	1000	mg/L
7	pH @ 25°c	APHA 24th Edition 4500-H+Method B	7.78	6.5 -8.5	No relaxation	-
8	Turbidity	APHA 24th Edition - 2130	0.14	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

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

Test Report No :- FTBD/03169/12/2023	Issue Date :- 01-12-2023
Issue To:- Principal PM Shri Govt. Sr. Sec School, Shekhupur Daroli, Fatehabad	Location :- PM Shri Govt. Sr. Sec School
Your Reference No - By Hand Date 01-12-2023	Collected By :- Mukesh kumar (Client)
Sample Type - Drinking Water	Sample Received Date & Time :- 01-12-2023
Lab Job Order No.- PC - 1931993	Sample Received Date & Time :- 01-12-2023
Date(s) of Analysis :- 01-12-2023 to 01-12-2023	Sample Quantity :- 1 Ltr

Environmental Condition :- Temp. $25 \pm 2^\circ\text{C}$ 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	APIA 3500-Fe B, 2017 23rd Edition 2017	0.03	1.0	1.0	mg/L
13	Sulphate	APHA 4500 E 23rd Edition 2017	12	200	400	mg/L
14	Fluoride (as F)	APHA 4500 -F D, C2017 23rd Edition 2017	0.14	1.0	1.5	mg/L
15	Nitrate (as NO ₃)	APIA 4500-NO ₃ -D:2017 23rd Edition 2017	1.02	45	No relaxation	mg/L

Remarks:-The Parameter Tested at Sr.No 12-15 as per requirement of IS:10500:2012 second Revision (RA2018).

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