

Memo No:- 197

Date:- 22/03/2024

Subject : Physical / Chemical Examination Report of Water Sample

Sample ID/Classification : FTBD/04446/3/2024 / Private	Sample Details	Date & Time
Sender : PL JINDAL CONVENT SCHOOL, RATIA29244	Collected By	PL JINDAL CONV...
Location : , NEAR TEHSIL COMPLEX, RATIA	Collection Date	20/03/2024 at 14:49
Sample Description : Drinking Water	Received at lab	20/03/2024 at 15:25
Latitude / Longitude : 75.574461 / 29.682801	Analysis Start Date	20/03/2024
	Analysis End Date	22/03/2024
	Sample Quantity	1000ml

Test Result (As Per BIS 10500 :2012)

S.No.	Tested Parameter	Result	Requirement (Acceptable Limit)	Permissible Lmt. (In the Absence of Alternate Source)	Protocol Used
1	Total Dissolved Solids @ 180°C ± 2°C	105	500 mg/lit.	2000 mg/lit.	APHA 24th Edition -2540 C
2	Total Hardness as CaCO ₃	80	200 mg/lit.	600 mg/lit.	APHA 24th Edition -2340 C
3	Calcium as Ca	20.04	75 mg/lit.	200 mg/lit.	APHA 24th Edition-3500-Ca B
4	Magnesium as Mg	7.29	30 mg/lit.	100 mg/lit.	APHA 24th Edition -3500 Mg B
5	Iron as Fe	0.01	1.0 mg/lit.	1.0 mg/lit.	USEPA
6	Chloride as Cl	34.90	250 mg/lit.	1000 mg/lit.	APHA 24th Edition -4500 Cl-B
7	Sulphate as SO ₄	15	200 mg/lit.	400 mg/lit.	USEPA / APHA 24th -4500 SO ₄ -E
8	Fluoride as F	0.19	1.0 mg/lit.	1.5 mg/lit.	APHA 24th Edition 4500 F-D:
9	Nitrate as NO ₃	1.14	45 mg/lit.	45 mg/lit.	APHA 4500-NO ₃ - B / USEPA
10	pH @ 25°C	7.78	6.5 - 8.5	6.5 - 8.5	APHA 24th Edition 4500-H+ B
11	Total Alkalinity	40	200 mg/lit.	600 mg/lit.	APHA 24th Edition -2320 B
12	Color	<5	5 Hazen Units	15 Hazen Units	APHA 2120 C; 2017
13	Odour	Agreeable	Agreeable	Agreeable	IS 3025 (Part-5):1983: RA:2002
14	Taste	Agreeable	Agreeable	Agreeable	IS 3025 (Part-8):1984: RA:2002
15	Turbidity	0.18	1 NTU	5 NTU	APHA 24th Edition -2130 B

Remarks :-

- * The Results Given above are related to the sample as received and tested in PHED FATEHABAD Lab.
- * The test report can't be regenerated in whole or part there of without written permission of Competent Authority.
- * The test report can't be used for any publicity or any legal purpose.
- * Reliability of water sample sample lies with sender/collector of water sample.
- * To check the sample report online Scan the QR Code below.
- * The test samples meant for chemical analysis will be disposed off after 15 days from the data of issue of test report unless until specifically requested by the customer for retaining over a longer period.

Water Sample has been found "**CONFORMING**" to Limits set in BIS10500:2012 for the tested parameters. Based on the tested parameters,the water sample is found "**POTABLE**"



Sample analyzed by : *Mansha*

Vinod
KANCHAN BISHNOI ,CHEMIST
DISTRICT WATER TESTING LABORATORY,FATEHABAD
email:-chemist.ftbad@phedharyana.gov.in

Attested By!
Ajank
Principal
PL Jindal Convent School
Ratia (Fatehabad)
Affiliated to CBSE UP To XI
Affiliation No. 520506



PUBLIC HEALTH ENGINEERING DEPARTMENT

DISTRICT WATER TESTING LABORATORY ,FATEHABAD

Website :- <https://phedharyana.gov.in/>

Memo No:-

Date:-

Subject : Bacteriological Examination Report of Water Sample

Sample ID:	FTBD/04420/3/2024	Sample Details	Date & Time
Sample Classification:	Private		
Sender:	PL JINDAL CONVENT SCHOOL, RATIA29173	Collected By	PL JINDAL CONV...,9468245888
Location :-	, NEAR TEHSIL COMPLEX, RATIA	Collection Date	19/03/2024 at 11:41
Latitude :-	75.564209	Received at lab	20/03/2024 at 15:24
Longitude :-	29.664540	Tested at Lab	22/03/2024

Test Result (As Per BIS 10500 :2012)

S.No.	Tested Parameter	Result	Requirement (Acceptable Limit)	Protocol Used
1	Total Coliform per 100 ml	0	Shall not be detectable in any 100 ml sample	IS 15185:2016/ APHA 9221C; 2017

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Kanchan
KANCHAN BISHNOI,CHEMIST
PUBLIC HEALTH ENGINEERING DEPARTMENT
DISTRICT WATER TESTING
LABORATORY FATEHABAD
email:-chemist.ftbad@phedharyana.gov.in

-----End of Report-----.

Attested By!
[Signature]

[Signature]

Principal,
Jindal Convent School
Ratia (Fatehabad)
Affiliated to CBSE UP To XII
Affiliation No. 530896



To Whom it May Concern

No:- 87ero/2024/131

Date:- 28/03/2024

It is certified that I have visited P.L.Jindal Convent School, Ratia and found that rooms are well illuminated and ventilated. There is a provision for toilet / bathrooms separately for boys and girls. The facility for safe drinking water is also available there.

Attested By:

Principal
P.L.Jindal Convent School
Ratia (Fatehabad)
Affiliated to CBSE UP To XII
Affiliation No. 520500

[Signature]



[Signature]
28.03.2024
Senior Medical officer,
Medical Officer
GH Ratia *[Signature]*