



PUBLIC HEALTH ENGINEERING DEPARTMENT
DISTRICT WATER TESTING LABORATORY, FARIDABAD

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

Memo No:- 624

Date:- 22/5/2024

Subject : **Bacteriological Examination Report of Water Sample**

Sample ID:	FBD/00448/5/2024	Sample Details	Date & Time
Sample Classification:	Private	Collected By	,9718953700
Sender:	Gyan Public Sr. Sec. School12574	Collection Date	21/05/2024 at 12:40
Location :-	, Kaboolpur Khadar	Received at lab	21/05/2024 at 15:43
Latitude :-	77.448291	Tested at Lab	21/05/2024
Longitude :-	28.384187		

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

Remarks :-

- * The Results Given above are related to the sample as received and tested in FARIDABAD 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.

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"



Vandana
SMT. VANDANA DESWAL,CHEMIST
PUBLIC HEALTH ENGINEERING DEPARTMENT
DISTRICT WATER TESTING
LABORATORY,FARIDABAD
email:-chemist.fbad@phedharyana.gov.in

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

S
Principal
Gyan Public Sr. Sec. School
Kaboolpur Khadar, Faridabad (HR)

21/5
President
Gyan Educational Welfare Society
Jassana (Faridabad)

-----WATER IS LIFE,SAVE IT-----



PUBLIC HEALTH ENGINEERING DEPARTMENT
WATER TESTING LABORATORY, FARIDABAD
 E-mail:-chemist.fbd@phedharyana.gov.in, chemist.fbd@gmail.com



Test Report

Test Report No. - 621	Issue Date :- 22/05/2024
Issue To - Gyan Public Sr. Sec. School	Location - village Kaboolpur Khadar
Your Reference No-	Collected By - Gyan Public Sr. Sec. School
Sample Type - Physical & Chemical	Sample Collected Date & Time:- 21/05/2024 at 12:36
Name of JE --	Sample Received Date & Time:- 21/05/2024 at 15:42
Lab Job Order No.- FBD/00447/5/2024	Sample Quantity :- 1 L
Date of Start of Analysis of Sample :- 22/05/2024	Date of End of Analysis of Sample :- 22/05/2024

Results

S. No.	Parameter	Protocol Used	Results	IS:10500:2012 (Second Revision)		Unit
				Desirable limit	Max. Permissible limit (in absence better alternate source)	
1	Total Dissolved Solids (TDS) at 180°C	APHA2540 C :2017	376	500	2000	mg/L
2	Total Hardness as CaCO ₃	APHA2340 C :2017	92	200	600	mg/L
3	Calcium (as Ca)	APHA3500-Ca B:2017	17.6	75	200	mg/L
4	Magnesium (as Mg)	APHA3500-Mg B:2017	11.6	30	100	mg/L
5	Alkalinity as CaCO ₃	APHA 2320 B: 2017	58	200	600	mg/L
6	Chloride (as Cl)	APHA4500 -Cl ⁻ B:2017	80.9	250	1000	mg/L
7	Sulphate as SO ₄	APHA 4500-SO ₄ ²⁻ E USEPA 9038	-	200	400	mg/L
8	Fluoride (as F)	APHA 4500-F D, C:2017	0.23	1.0	1.5	mg/L
9	Iron as Fe	APHA 3500-Fe B USEPA ,45	0.01	1.0	No relaxation	mg/L
10	Nitrate (as NO ₃)	APHA4500-NO ₃ ⁻ D :2017	0.8	45	No relaxation	mg/L
11	pH	APHA4500 - H ⁺ B :2017	7.12	6.5 -8.5	6.5-8.5	pH

Notes:

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

[Signature]

Sample analyzed by

[Signature]

(Vandana Choudhary)

Authorized Signatory/Chemist
 PHED Water Testing Laboratory, Faridabad

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

[Signature]
 Principal

Gyan Public Sr. Sec. School
 Kaboolpur Khadar, Faridabad (HR)

[Signature]
 President

Gyan Educational Welfare Society
 Jassana (Faridabad)