

PUBLIC HEALTH ENGINEERING DEPARTMENT
DISTRICT WATER TESTING LABORATORY ,YAMUNANAGAR

MINI SECRETARIAT ROAD, YAMUNA NAGAR -135001

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

Memo No:- 1159

Date:-23/06/2023

Subject : **Physical / Chemical Examination Report of Water Sample**

Sample ID//Lab Ref. No.: YNR/01195/6/2023//C-404	Sample Details	Date & Time
Classification: Private	Sample Provided By	Subhash Sharma
Customer Ref. No. Memo.No.Spl.4 Dt.19/06/2023	Sample Receiving Date at lab	19/06/2023
Sender : Aastha Senioer Secondary School	Analysis Start Date	20/06/2023
Location : Village Milksukhi,Distt.Yamuna Nagar	Analysis End Date	22/06/2023
Sample Description : Drinking Water	Sample Quantity	2 Ltr.
Type of Analysis : Chemical Analysis		
Packing,Marking & Seal: Unsealed Plastic Bottle		


Test Result (As Per BIS 10500 :2012)
(Second Revision)

S.No.	Tested Parameter	Protocol Used	Unit	Result	Requirement (Acceptable Limit)	Permissible Limit (In the Absence of Alternate Source)
1	Total Dissolved Solids@ 180°C ± 2°C	APHA2540 C; 2017	Mg/l	38	500	2000
2	Total Hardness asCaCO ₃	APHA2340 C; 2017	Mg/l	9.9	200	600
3	Calcium as Ca	APHA3500-Ca B; 2017	Mg/l	1.98	75	200
4	Magnesium as Mg	APHA3500 Mg B; 2017	Mg/l	1.2	30	100
5	Chloride as Cl	APHA4500 Cl-B; 2017	Mg/l	9.78	250	1000
6	Fluoride as F	APHA 4500-F--C	Mg/l	0.12	1.0	1.5
7	Nitrate as NO ₃	APHA 4500-NO3-D	Mg/l	<1	45	45
8	pH @ 25°C	APHA4500-H+ B; 2017	pH units	6.90	6.5 - 8.5	6.5 - 8.5
9	Total Alkalinity (as CaCO ₃)	APHA 2320 B; 2017	Mg/l	15.15	200	600

Remarks :-

- * The Results Given above are related to the sample as received and tested in PHED YAMUNA NAGAR 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.
- * The test samples meant for chemical analysis will be disposed off after 15 days from the data of issue of test report unless untill specifically requested by the customer for retaining over a longer period.

Sample analyzed by :


 CHEMIST (Authorized Signatory)
 DISTRICT WATER TESTING
 LABORATORY, YAMUNA NAGAR
 email:-chemist.yamunanagar@gmail.com

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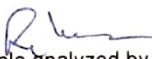
Subject : **Physical / Chemical Examination Report of Water Sample**


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Classification : Private	Sample Provided By	Subhash Sharma
Customer Ref.No.: Memo.No.Spl.4 Dt. 19/06/2023	Sample Receiving Date at lab	19/06/2023
Sender : Aastha Senioer Secondary School	Analysis Start Date	20/06/2023
Location : Village Milk sukhi, Distt. Yamuna Nagar	Analysis End Date	22/06/2023
Sample Description : Drinking Water	Sample Quantity	2 Ltr.
Type of Analysis : Chemical Analysis		
Packing, Marking and Seal : Unsealed Plastic Bottle		

S.No.	Tested Parameter	Protocol Used	Unit	Result	Requirement (Acceptable Limit)	Max. Permissible Limit (In the Absence of Alternate Source)
10	Taste	IS3025(Part-8)	Qualitative	Agreeable	Agreeable	Agreeable
11	Odour	IS3025(Part-5)	Qualitative	Agreeable	Agreeable	Agreeable
12	Colour	APHA2120C	HU	<5	5	15
13	Turbidity	APHA2030B	NTU	0.10	1	5
14	Iron (as Fe)	USEPA:1980	Mg/l	0.017	1	No relaxation
15	Sulphate(as SO ₄)	IS3025(Part-24)	Mg/l	09	200	400

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 Sample analyzed by
 :Sukhvinder Singh


 CHEMIST (Authorized Signatory)
 DISTRICT WATER TESTING, LABORATORY
 YAMUNA NAGAR
 email:-chemist.yamunanagar@gmail.com

END OF TEST REPORT