

PUBLIC HEALTH ENGINEERING DEPARTMENT
DISTRICT WATER TESTING LABORATORY, MEWAT

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

Memo No:- 410

Date:- 18/05/2023

Subject : Physical / Chemical Examination Report of Water Sample

Sample ID/Classification : MEW/00246/5/2023 / Private		Sample Details	Date & Time
Sender :	Babu Lal Yadav21235	Collected By	
Location :	Govt. M.S.S.S School (44046), Nagina	Collection Date	18/05/2023 at 11:51
Sample Description :	Drinking Water	Received at lab	18/05/2023 at 12:10
Latitude / Longitude :	76.993958 / 27.915202	Analysis Start Date	18/05/2023
		Analysis End Date	18/05/2023
		Sample Quantity	1 Litter

Test Result (As Per BIS 10500 :2012)

S.No.	Tested Parameter	Result	Requirement (Acceptable Limit)	Permissible Limit (In the Absence of Alternate Source)	Protocol Used
1	Total Dissolved Solids @ 180°C ± 2°C	546	500 mg/lit.	2000 mg/lit.	APHA2540 C; 2017
2	Total Hardness as CaCo3	240	200 mg/lit.	600 mg/lit.	APHA2340 C; 2017
3	Calcium as Ca	35	75 mg/lit.	200 mg/lit.	APHA3500-Ca B; 2017
4	Magnesium as Mg	37	30 mg/lit.	100 mg/lit.	APHA3500 Mg B; 2017
5	Iron as Fe	<0.1	1.0 mg/lit.	1.0 mg/lit.	APHA3500-Fe B; 2017
6	Chloride as Cl	137	250 mg/lit.	1000 mg/lit.	APHA4500 Cl-B; 2017
7	Sulphate as So4	31.4	200 mg/lit.	400 mg/lit.	APHA4500-So4-E
8	Fluoride as F	0.48	1.0 mg/lit.	1.5 mg/lit.	APHA 4500-D; 2017
9	Nitrate as No3	7.58	45 mg/lit.	45 mg/lit.	APHA 4500-NO3- D
10	pH @ 25°C	7.55	6.5 - 8.5	6.5 - 8.5	APHA4500-H+ B; 2017
11	Total Alkalinity	229	200 mg/lit.	600 mg/lit.	APHA 2320 B; 2017
12	Color	<5	5 Hazen Units	15 Hazen Units	APHA 2120-B
13	Odour	Agreeable	Agreeable	Agreeable	IS 3025 (Part-5) : 1984 (RA 2018)
14	Turbidity	<0.5	1 NTU	5 NTU	APHA2130 B; 2017
15	Taste	Agreeable	Agreeable	Agreeable	IS 3025 (Part-8) : 1984 (RA 2017)

Remarks :-

- * The Results Given above are related to the sample as received and tested in PHED MEWAT 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 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 until specifically requested by the customer for retaining over a longer period.

Sample analyzed by :

TAHIR HOSSAIN CHEMIST
DISTRICT WATER TESTING LABORATORY, MEWAT
email: Chemistmewat@phedharyana.gov.in



END OF TEST REPORT