

# PUBLIC HEALTH ENGINEERING DEPARTMENT

## DISTRICT WATER TESTING LABORATORY, MEWAT

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

Memo No:- 701

Date:- 04/08/2025

Subject : Physical / Chemical Examination Report of Water Sample

Sample ID/Classification : MEW/02141/7/2025 / Private	Sample Details	Date & Time
Sender : SAPNA GANDHI	Collected By	SAPNA GANDHI
Location : , PM SHRI GOVT. SR. SEC. SCHOOL KANWARSIKA (NUH) (	Collection Date	29/07/2025 at 13:51
Sample Description : Drinking Water	Received at lab	29/07/2025 at 14:02
Latitude / Longitude : 77.066095 / 28.200960	Analysis Start Date	29/07/2025
	Analysis End Date	30/07/2025
	Sample Quantity	1 Liter

### 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	Turbidity	<0.5	1 NTU	5 NTU	APHA 24th Edition -2130 B
2	Taste	Agreeable	Agreeable	Agreeable	IS 3025 (Part-8) : 1984 (RA 2022)
3	Odour	Agreeable	Agreeable	Agreeable	IS 3025 (Part-5) : 1984 (RA 2018)
4	Color	<5	5 Hazen Units	15 Hazen Units	APHA 24th Edition -2120-B
5	Total Dissolved Solids @ 180°C ± 2°C	171	500 mg/lit.	2000 mg/lit.	APHA 24th Edition -2540 C
6	Total Hardness as CaCO <sub>3</sub>	78	200 mg/lit.	600 mg/lit.	APHA 24th Edition -2340 C
7	Calcium as Ca	8	75 mg/lit.	200 mg/lit.	APHA 24th Edition -3500 Ca B
8	Magnesium as Mg	14	30 mg/lit.	100 mg/lit.	APHA 24th Edition -3500 Mg-B
9	Total Alkalinity	80	200 mg/lit.	600 mg/lit.	APHA 24th Edition -2320 B
10	Chloride as Cl	42	250 mg/lit.	1000 mg/lit.	APHA 24th Edition -4500 Cl-B
11	Sulphate as SO <sub>4</sub>	41	200 mg/lit.	400 mg/lit.	APHA 24th Edition -4500 SO <sub>4</sub> -E
12	Fluoride as F	<0.1	1.0 mg/lit.	1.5 mg/lit.	APHA 24th Edition -4500 F-D
13	Iron as Fe	<0.1	1.0 mg/lit.	1.0 mg/lit.	APHA 24rd Edition -3500 Fe-B
14	Nitrate as NO <sub>3</sub>	6.1	45 mg/lit.	45 mg/lit.	APHA 24th Edition - 4500- NO <sub>3</sub> Method B (UV - Screening Method)
15	pH @ 25°C	6.70	6.5 - 8.5	6.5 - 8.5	APHA 24th Edition -4500-H+ B

#### 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 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 7 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.



Sample analyzed by :

TAHIR HUSSAIN, CHEMIST  
DISTRICT WATER TESTING LABORATORY MEWAT  
email:-chemist.mewat@phedharyana.gov.in