



Test Report

Memo No. 1153
Job Order No. PC38/5/2025
Test Report No. JND/01308/5/2025
Issued To: Aryavart Public School, Muana
Customer Reference No. Nil
Sample Description: Drinking Water
Sample Type: Chemical Analysis
Sample collected on dated: 05.05.2025
Sample Collected by: Party Self
Sample received on dated: 05.05.2025
Sample Location: Aryavart Public School, Muana
Sample Quantity: 2ltr
Date of Analysis started: 05.05.2025
Date of analysis completed: 07.05.2025
Issue Date: 08.05.2025

Date: 08.05.2025

Dated: 05.05.2025

Environmental Conditions:- Temperature ($^{\circ}$ C) = 25.8 & Humidity (%) = 54

RESULTS

Sr. No.	Parameter	Protocol Used	Results	IS: 10500: 2012 (RA-2023)		Unit
				Desirable limit	Max. Permissible limit (in absence better alternative source)	
1	Taste	IS 3025(Part): 2023	Agreeable		Agreeable	
2	Odour	IS 3025(Part): 2018	Agreeable		Agreeable	
3	Colour	APHA 24 th edition-2120 B	5.0	5	15	Hazen Unit
4	Turbidity	APHA 24 th edition-2130 B	0.45	1	5	NTU
5	Total Dissolved Solids@180 $^{\circ}$ C $\pm$ 2 $^{\circ}$ C	APHA 24 th edition-2540 C	270	500	2000	mg/L
6	Total Hardness	APHA 24 th edition-2340 C	107.06	200	600	mg/L
7	Calcium (as Ca)	APHA 24 th edition-3500-Ca B	12.14	75	200	mg/L
8	Magnesium (as Mg)	APHA 24 th edition-3500-Mg B	18.65	30	100	mg/L
9	Total Alkalinity	APHA 24 th edition-2320 B	88	200	600	mg/L
10	Chloride (as Cl)	APHA 24 th edition-4500-Cl B	40.70	250	1000	mg/L
11	Fluoride (as F)	APHA 24 th edition-4500-F C	0.29	1.0	1.5	mg/L
12	Sulphate (as So ₄)	APHA 24 th edition-4500-So ₄ E	32	200	400	mg/L
13	Nitrate (as NO ₃)	APHA 24 th edition-4500-NO ₃ D	<0.5	45	45	mg/L
14	Iron (as Fe)	APHA 24 th edition-3500-Fe B	0.02	1.0	1.0	mg/L
15	pH @25 $^{\circ}$ C	APHA 24 th edition-4500-H ⁺ B	7.57	6.5 to 8.5	No relaxation	

Notes:

- The results given above are related to the sample as received and tested in PHED Lab, Jind. Reliability of sample lies with the sender.
- Sample not collected by this Laboratory.
- The test report can't be regenerated/re-produced in whole or in part without written permission of Laboratory.
- The test report can't be used for any publicity or any legal purpose.
- The test samples meant for chemical analysis will be disposed off after 7 days from the date of issue of test report unless until specifically requested by the customer for retaining over a longer period.

Reviewed & Approved by

(Virender Singh)
Authorized Signatory/Chemist
PHED Water Testing Laboratory, Jind

Sample analyzed by: Sumit

END OF TEST REPORT