



TC-4072

**Test Report**

Memo No:- 980 Date:-25.04.2025  
Job Order No:- PC101/4/2025  
Test Report No:- JND/00765/4/2025  
Issued To:- SMR INTERNATIONAL SCHOOL,  
VILLAGE AFTABGARH  
Customer Reference No:- 013 Dated:- 22.04.2025  
Sample Description: Drinking Water  
Sample Type: Chemical Analysis  
Sample collected on dated: 22.04.2025  
Sample Collected by: Party Self  
Sample received on dated: 22.04.2025  
Sample Location: SMR INTERNATIONAL SCHOOL, AFTABGARH  
Sample Quantity: 2ltr  
Date of Analysis started: 22.04.2025  
Dated of analysis completed: 24.04.2025  
Issue Date: 25.04.2025

Environmental Conditions:-Temperature (°c) =25.9 & Humidity (%) = 54

**RESULTS**

Sr. No.	Parameter *	Protocol Used	Results	IS: 10500: 2012 (RA-2023)		Unit
				Desirable limit	Max. Permissible limit (in absence better alternate source)	
1	Taste	IS 3025(Part8): 2023	Agreeable	Agreeable		-----
2	Odour	IS 3025(Part5): 2018	Agreeable	Agreeable		-----
3	Colour	APHA 24 <sup>th</sup> edition-2120-B	5.0	5	15	Hazen Unit
4	Turbidity	APHA 24 <sup>th</sup> edition -2130 B	0.29	1	5	NTU
5	Total Dissolved Solids@180°c±2°c	APHA 24 <sup>th</sup> edition -2540 C	146	500	2000	mg/L
6	Total Hardness	APHA 24 <sup>th</sup> edition -2340 C	60	200	600	mg/L
7	Calcium (as Ca)	APHA 24 <sup>th</sup> edition -3500-Ca B	6.41	75	200	mg/L
8	Magnesium (as Mg)	APHA 24 <sup>th</sup> edition -3500 Mg B	10.69	30	100	mg/L
9	Total Alkalinity	APHA 24 <sup>th</sup> edition - 2320 B	34	200	600	mg/L
10	Chloride (as Cl)	APHA 24 <sup>th</sup> edition -4500 Cl B	21.99	250	1000	mg/L
11	Fluoride (as F)	APHA 24 <sup>th</sup> edition -4500- F C	<0.2	1.0	1.5	mg/L
12	Sulphate (as So <sub>4</sub> )	APHA 24 <sup>th</sup> edition -4500-So <sub>4</sub> E	13	200	400	mg/L
13	Nitrate (as NO <sub>3</sub> )	APHA 24 <sup>th</sup> edition -4500-NO <sub>3</sub> D	<0.5	45	45	mg/L
14	Iron (as Fe)	APHA 24 <sup>th</sup> edition -3500-Fe B	<0.02	1.0	1.0	mg/L
15	pH @25°c	APHA 24 <sup>th</sup> edition -4500-H B	7.10	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.

*(Signature)*  
**Principal**  
**SMR International School**  
Assandh Road, Safidon - 126112 (Jind)  
Affiliation No. 531604, School Code: 41583

*(Signature)*  
**Manager**  
**SMR International School**  
Village - Aftabgarh, Assandh Road  
Safidon, District-Jind, Haryana  
Reviewed & Approved by  
(Mender Singh)  
Authorized Signatory/Chemist  
PHED Water Testing Laboratory, Jind

Sample analyzed by: Sumit

END OF TEST REPORT