



HIMACHAL PRADESH  
WATER TESTING LABORATORY  
JAL SHAKTI VIBHAG, UNA NO.1

TEST REPORT

TC - 12017

ULR-TC1201725000000867F  
Test Report No: WTL/25-367

Issue Date:- 13/10/2025

Name & Address of Customer: J.S. Wisdom World School Una IHP  
Sampling Method: N/A  
Sample Description: Water  
Sample Quantity: 9 Litre  
Collected on: 08-10-2025  
Received on: 08-10-2025  
Test Start Date: 08-10-2025  
Test End Date: 10-10-2025  
Environmental Conditions: Temperature: 25±2°C Humidity: 45±10%

Condition of Sample When Received: OK  
Name of Source/Scheme: WSS Una  
Name of Panchayat: Una  
Name of Habitation: J.S. Wisdom World School  
Name of Village: Una  
Type of Source: Tap Water

Sr. No.	Test	Test Method	Result	Requirements As per IS 10500:2012	
				Acceptable Limit	Permissible limit in the absence of Alternate Source
<b>Physical Parameters</b>					
1.	Turbidity, NTU, Max	IS:3025(Part-10): 2023	1.29 NTU	1 NTU	5 NTU
2.	Colour, Hazen units, Max	IS:3025(Part-4): 2021	302 (2L=5)	5	15
3.	Odour	IS-3025 (Part 5): 2018	Agreeable	Agreeable	Agreeable
4.	Taste	IS-3025 (Part 8): 2023	Agreeable	Agreeable	Agreeable
5.	pH value	IS:3025(Part-11): 2022	7.21	6.5-8.5	No relaxation
6.	Total Dissolved Solids mg/l, Max	IS:3025(Part-16): 2023	298 mg/l	500 mg/l	2000 mg/l
<b>Chemical Parameters</b>					
7.	Total Alkalinity (as CaCO <sub>3</sub> ), mg/l, Max	IS:3025 (Part-23): 2023	216 mg/l	200 mg/l	600 mg/l
8.	Chloride (as Cl), mg/l, Max	IS:3025 (Part-32): 2019	21 mg/l	250 mg/l	1000 mg/l
9.	Total Hardness (as CaCO <sub>3</sub> ), mg/l, Max	IS:3025 (Part-21): 2023	204 mg/l	200 mg/l	600 mg/l
10.	Calcium (as Ca), mg/l, Max	IS:3025 (Part-40): 2024	60.92 mg/l	75 mg/l	200 mg/l
11.	Magnesium (as Mg), mg/l, Max	IS:3025 (Part-46): 2023	12.64 mg/l	30 mg/l	100 mg/l

Remarks (if any) BDL= Below Detection Limit; DL= Detection Limit; NP= Not Performed

Note:

- This report should not be produced partly or full without approval of signatory authority for legal purpose
- The results refer only to tested samples and parameters tested.
- Samples will be stored for a period of 5 days from the date of issue of report.

Reviewed By

Water Testing Laboratory, Una No.1

Authorized Signatory  
Mrs. Shikha Thakur  
Water Testing Laboratory, Una No.1

End of Report

**HIMACHAL PRADESH  
WATER TESTING LABORATORY  
JAL SHAKTI VIBHAG, UNA No.1**

**TEST REPORT**

Test Report No: WTL/25-367

Issue Date:- 13-10-2025

Sr. No.	Test	Result	Requirements As per IS 10500:2012	
			Acceptable Limit	Permissible limit in the absence of Alternate Source
<b>Physical Parameters</b>				
1.	Temperature (°C)	26.1°C	-----	-----
<b>Chemical Parameters</b>				
2.	Nitrate (as NO <sub>3</sub> ), mg/l, Max	—	45 mg/l Max	No relaxation
3.	Fluoride (as F), mg/l, Max	—	1.0 mg/l Max	1.5 mg/l Max
4.	Sulphate (as SO <sub>4</sub> ), mg/l, Max	—	200 mg/l Max	400 mg/l Max
5.	Ammonia (as total ammonia -N), mg/l, Max	—	0.5 mg/l Max	No relaxation
6.	Iron (as Fe), mg/l, Max	—	1.0 mg/l Max	No relaxation
7.	Manganese (as Mn), mg/l, Max	—	0.1 mg/l Max	0.3 mg/l Max
8.	Total Arsenic (as As), mg/l, Max	—	0.01 mg/l Max	No relaxation
9.	Free Residual Chlorine, mg/l, Min	0.02 mg/l	0.2 mg/l Min	1.0 mg/l Min

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 Authorized Signatory  
 Mrs. Shikha Thakur  
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Sampling Method: N.A.  
Sample Description: Water  
Sample Quantity: 09 Litre  
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Received on: 08-10-2025  
Test Start Date: 08-10-2025  
Test End Date: 10-10-2025  
Environmental Conditions: Temperature: 25±2°C Humidity: 45±10%  
Condition of Sample When Received: OK  
Name of Source/Scheme: WTS Una  
Name of Panchayat: Una  
Name of Habitation: J.S. Wisdom World School  
Name of Village: Una  
Type of Source: Tap Water

Sr. No.	Test	Test Method	Result	Requirements As per IS 10500:2012	
				Acceptable Limit	Permissible limit in the absence of Alternate Source
Bacteriological Parameters					
1.	Total coliform Bacteria (Shall not be detectable in any 100ml sample)	IS:15185 :2016	Absent	Nil	Nil
2.	E.Coli (Shall not be detectable in any 100ml sample)	IS:15185: 2016	Absent	Nil	Nil

Reviewed By

Water Testing Laboratory, Una No.1

Authorized Signatory

Ms. Bandana Thakur

Water Testing Laboratory, Una No.1

-----End of Report-----