

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

TEST REPORT



TC - 12017

ULR-TC1201725000000-113-F
Test Report No: WTL/25-113

Issue Date:- 12/06/2025

Name & Address of Customer: *Dayanand Public School Vikas Nagar Una*

Sampling Method: *M.A.*

Condition of Sample When Received: *OK*

Sample Description: *Water*

Name of Source/Scheme: *—*

Sample Quantity: *2 litre*

Name of Panchayat: *Una*

Collected on: *09-06-2025*

Name of Habitation: *Dayanand Public School Vikas Nagar*

Received on: *09-06-2025*

Name of Village: *Una*

Test Start Date: *09-06-2025*

Type of Source: *Dore Well*

Test End Date: *10-06-2025*

Environmental Conditions: Temperature: $25 \pm 2^\circ\text{C}$ Humidity: $45 \pm 10\%$

Sr. No.	Test	Test Method	Result	Requirements As per IS 10500:2012	
				Acceptable Limit	Permissible limit in the absence of Alternate Source
Physical Parameters					
1.	Turbidity, NTU, Max	IS:3025(Part-10): 2023	<i>1.40 NTU</i>	1 NTU	5 NTU
2.	Colour, Hazen units, Max	IS:3025(Part-4): 2021	<i>80 (0L-5)</i>	5	15
3.	Odour	IS-3025 (Part 5): 2018	<i>Agreeable</i>	Agreeable	Agreeable
4.	Taste	IS-3025 (Part 8): 2023	<i>Agreeable</i>	Agreeable	Agreeable
5.	pH value	IS:3025(Part-11): 2022	<i>7.23</i>	6.5-8.5	No relaxation
6.	Total Dissolved Solids mg/l, Max	IS:3025(Part-16): 2023	<i>630 mg/l</i>	500 mg/l	2000 mg/l
Chemical Parameters					
7.	Total Alkalinity (as CaCO ₃), mg/l, Max	IS:3025 (Part-23): 2023	<i>326 mg/l</i>	200 mg/l	600 mg/l
8.	Chloride (as Cl), mg/l, Max	IS:3025 (Part-32): 2019	<i>64 mg/l</i>	250 mg/l	1000 mg/l
9.	Total Hardness (as CaCO ₃), mg/l, Max	IS:3025 (Part-21): 2023	<i>458 mg/l</i>	200 mg/l	600 mg/l
10.	Calcium (as Ca), mg/l, Max	IS:3025 (Part-40): 2024	<i>152.30 mg/l</i>	75 mg/l	200 mg/l
11.	Magnesium (as Mg), mg/l, Max	IS:3025 (Part-46): 2023	<i>18.95 mg/l</i>	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-----



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Test Report No: WTL/25-113

Issue Date:- 12/06/2025

Name & Address of Customer: *Dayanand Public School Vikas Nagar Una*

Sampling Method: *H.A.*

Sample Description: *Water*

Sample Quantity: *2 Litre*

Collected on: *09-06-2025*

Received on: *09-06-2025*

Test Start Date: *09-06-2025*

Test End Date: *10-06-2025*

Environmental Conditions:

Temperature: 25±2°C

Humidity: 45±10%

Condition of Sample When Received: *OK*

Name of Source/Scheme: *—*

Name of Panchayat: *Una*

Name of Habitation: *Dayanand Public School Vikas Nagar*

Name of Village: *Una*

Type of Source: *Bore Well*

Sr. No.	Test	Test Method	Result	Requirements As per IS 10500:2012	
				Acceptable Limit	Permissible limit in the absence of Alternate Source
Physical Parameters					
1.	Turbidity, NTU, Max	IS:3025(Part-10): 2023	<i>1.40 NTU</i>	1 NTU	5 NTU
2.	Colour, Hazen units, Max	IS:3025(Part-4): 2021	<i>8.2 (at=5)</i>	5	15
3.	Odour	IS:3025 (Part 5): 2018	<i>Agreeable</i>	Agreeable	Agreeable
4.	Taste	IS:3025 (Part 8): 2023	<i>Agreeable</i>	Agreeable	Agreeable
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Reviewed By

Water Testing Laboratory, Una No.1

Authorized Signatory

Mrs. Shikha Thakur

Water Testing Laboratory, Una No.1

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