

## **SAFE DRINKING WATER CERTIFICATE**

The drinking water sample of Scholars Unified Senior Secondary School in Tehsil & Distt. Una (HP) was tested in NABL accredited district level water testing laboratory of this department and test report No.DWTL-Una-2023-784 dated 13.02.2024 herewith. On the basis of results of water sample it is certified that "Scholars Unified Senior Secondary School in Tehsil & Distt. Una (HP) has safe drinking water facilities for students and members of staff of the institution.

  
Assistant Engineer,  
Jal.Shakti Sub-Division No.I Una



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

TEST REPORT

TC - 12017

Test Report No: DWTL-UNA-2023- WTL/23- 784 Issue Date:- 13.02.2024

Name & Address of Customer: *Scholars Unified Sr- Sec. School Arniala*  
 Sampling Method: *NA* Condition of Sample When Received: *OK*  
 Sample Description: *Drinking Water* Name of Source/Scheme: *Scholars Unified Sr- Sec. School*  
 Sample Quantity: *2L* Name of Panchayat: *Upper Arniala*  
 Collected on: *09.02.2024* Name of Habitation: *Arniala*  
 Test Start Date: *09.02.2024* Name of Village: *Upper Arniala*  
 Test End Date: *13.02.2024* Type of Source: *S/Tank*  
 Environmental Conditions: Temperature: 25±2°C Humidity: 45±10%

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) : 2017	<i>1.2</i>	1 NTU	5 NTU
2.	Colour, Hazen units, Max	IS:3025(Part-4) : 2017	<i>BDL(DL=5)</i>	5	15
3.	Odour	IS-3025 (Part 5): 2018	<i>Agreeable</i>	Agreeable	Agreeable
4.	Taste	IS-3025 (Part 8): 2017	<i>Agreeable</i>	Agreeable	Agreeable
5.	pH value	IS:3025(Part-11) : 2017	<i>7.60</i>	6.5-8.5	No relaxation
6.	Total Dissolved Solids mg/l, Max	IS:3025(Part-16) : 2017	<i>372</i>	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) : 2019	<i>286</i>	200 mg/l	600 mg/l
8.	Chloride (as Cl), mg/l, Max	IS:3025 (Part-32) : 2019	<i>16</i>	250 mg/l	1000 mg/l
9.	Total Hardness (as CaCO <sub>3</sub> ), mg/l, Max	IS:3025 (Part-21): 2019	<i>282</i>	200 mg/l	600 mg/l
10.	Calcium (as Ca), mg/l, Max	IS:3025 (Part-40) : 2019	<i>64.93</i>	75 mg/l	200 mg/l
11.	Magnesium (as Mg), mg/l, Max	IS:3025 (Part-46) : 2019	<i>29.16</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.

Tested By  
Water Testing Laboratory, Una No.1

*pm*  
Authorized Signatory  
Mrs. Rumita Chandel  
Water Testing Laboratory, Una No.1

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

**TEST REPORT**


Test Report No: DWTL-UNA-2023- WTL/23-784 Date:- 13.02.2024


Name & Address of Customer: *Scholars Unified Sr. Sec School Arniwala*  
 Sampling Method: *N.A*  
 Sample Description: *Drinking water*  
 Sample Quantity: *2 litre*  
 Collected on: *09.02.2024*  
 Test Start Date: *09.02.2024*  
 Test End Date: *13.02.2024*

Condition of Sample When Received: *OK*  
 Name of Source/Scheme: *Scholars Unified Sr. Sec. School*  
 Name of Panchayat: *Upper Arniwala*  
 Name of Habitation: *Arniwala*  
 Name of Village: *Upper Arniwala*  
 Type of Source: *S/Tank*

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)	<i>25.3<sup>o</sup>C</i>	-----	-----
<b>Chemical Parameters</b>				
2.	Nitrate (as NO <sub>3</sub> ) , mg/l, Max	—	45 mg/lMax	No relaxation
3.	Fluoride (as F) , mg/l, Max	—	1.0 mg/lMax	1.5 mg/lMax
4.	Sulphate (as SO <sub>4</sub> ) , mg/l, Max	—	200 mg/lMax	400 mg/lMax
5.	Ammonia(as total ammonia -N) , mg/l, Max	—	0.5 mg/lMax	No relaxation
6.	Iron (as Fe) , mg/l, Max	—	1.0 mg/lMax	No relaxation
7.	Manganese (as Mn) , mg/l, Max	—	0.1 mg/lMax	0.3 mg/lMax
8.	Total Arsenic (as As) , mg/l, Max	—	0.01 mg/lMax	No relaxation
9.	Free Residual Chlorine , mg/l, Min	<i>Nil</i>	0.2 mg/lMin	1.0 mg/lMin
<b>Bacteriological Parameters</b>				
10.	Total Coliform Bacteria (Shall not be detectable in any 100ml sample)	<i>Nil</i>	Nil	Nil
11.	<i>E.Coli</i> (Shall not be detectable in any 100ml sample)	<i>N.A</i>	Nil	Nil

Remarks (if any) BDL= Below Detection Limit; DL= Detection Limit

  
 Microbiologist  
 Ms. Bandana Thakur  
 Water Testing Laboratory, Una No.1

  
 Authorized Signatory  
 Mrs. Rumita Chandel  
 Water Testing Laboratory, Una No.1