

**Water Testing Laboratory,  
Motipur, Mandi (H.P.)**



TC-17036

**TEST REPORT**

Sample No: 3393/2	Date: 13/3/2026
Environmental Condition: Temperature 22.5°C ± 2	Relative Humidity 50%

Test Report No.: MDP/850  
 Name & Address Of Customer: Assistant Engineer, Civil (Mandi CH.P.) IIT Kamand  
 Sampling Method: IS/APHA  
 Sample Description: Drinking Water  
 Sample Quantity: 2lt.  
 Collected on: 12/3/2026  
 Test Start Date: 12/3/2026  
 Test End Date: 12/3/2026

Condition of Sample When Received: Good  
 Name of Source/Scheme: Scheme Source  
 Name of Panchayat: Kamand  
 Name of Habitation: IIT Mandi  
 Name of Village: Kamand  
 Type of Source: Treated Water  
 Sample Submitted By: Sh. Hemraj

Sr. No.	Test	Test Method	Result	Units	Requirement as per IS 10500:2012	
					Acceptable limit	Permissible limit in absence of alternate source
<b>Physical Parameter</b>						
1	pH	IS-3025(PART-11) : 2022(ISO 10523:2008) Electrometric method	7.47 at temp 22.5°C ± 2		6.5-8.5	No Relaxation
2	Color	APHA24th Edition 2120 (Method-B) (Visual comparison method)	5	Hazen Unit	5 H.U.	15 H.U.
3	Odor	IS 3025(Part-5) 2018	Agreeable	Qualitative	Agreeable	Agreeable
4	Taste	IS 3025(Part-8) 2023	Agreeable	Qualitative	Agreeable	Agreeable
5	Turbidity	APHA 24 th Edition (Part-C) Nephelometric method	1.9	N.T.U.	1 NTU Max	5 NTU Max
<b>Chemical Parameter</b>						
6	Total hardness as CaCO <sub>3</sub>	IS-3025 (PART-21)-2009, Reaff. 2019, 2023 EDTA Titration Method	80	Mg/l	200mg/l Max	600mg/l Max
7	Total Alkalinity as CaCO <sub>3</sub>	IS-3025 (PART-23) 2023 Indicator method	62	Mg/l	200mg/l Max	600mg/l Max
8	Chloride	IS :3025 (PART-32)-1988, Reaff. 2019 Argentometric method	17.49	Mg/l	250mg/l Max	1000mg/l Max
9	Total Dissolved Solids (TDS)	APHA 23 <sup>rd</sup> Edition 2540-(Part-C) Total Dissolved solids (Dried at 180 degree Celsius)	125	Mg/l	500mg/l Max	2000mg/l Max
10	Calcium as Ca	APHA 24 <sup>th</sup> Edition 3500-Ca Method B (EDTA Titrimetric method)	17.63	Mg/l	75mg/l Max	200mg/l Max
11	Magnesium as Mg	APHA 24 th Edition 3500Mg-B (Calculation method)	5.35	Mg/l	30mg/l Max	100mg/l Max

- Note:**
- Test report should not be produced partly or full for any purpose without approval of signatory authority for legal purpose.
  - The results refer only to tested samples and parameters tested.
  - The samples will be stored for a period of 7 days from the date of issue of report.

-----END OF REPORT-----

Reviewed By: *Apurita*  
 Authorised Signatory  
 Water Testing Laboratory  
 Motipur, Mandi (H.P.)

*Apurita*  
 Authorized Signatory  
 Water Testing Laboratory  
 Motipur, Mandi (H.P.)

**Himachal Pradesh Jal Shakti Vibhag**  
**Water Testing Laboratory, Motipur, Mandi (H.P.)**

Lab Ref. No. MDP/850

GR No. 160/1615

Name and Address of Sender: *Assistant Engineer Civil IIT Kamand Mandi (H.P.)*  
Division: *Mandi* Sub-Division: *Mandi*  
Section: *Mandi Sadak* Name of District: *Mandi*  
Name of Block: *Kamand* Name of Panchyat: *Kamand*  
Name of Village: *Kamand* Name of Habitation(s): *IIT Mandi*  
Name of Scheme and Location of Source: *Scheme Source and D1 Mess*

Type of Source :  Scheme source /  Delivery Point /  Stand Post /  Surface Water /  Private /  Public.

Date and time of collection: *12/03/2026* Date & Time of Receipt at Laboratory: *12/03/2026 @ 3:00 PM*

Date & time of Commencing: *12/03/2026 - 16/03/2026*

Type of Sample: Raw Water / Borewell / Filtered Water / Chlorinated Water / Distributed System / Hand Pump

limits :Based upon BIS : 10500-2012

**(A) PHYSICAL PARAMETER**


S.No.	Test Parameter	Units	Acceptable Limit	Permissible limits [in the absence of alternate source]	Result
1.	Temperature	°C	-	-	<i>22.5°C ± 2°C</i>

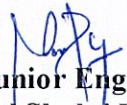
**(B) MICROBIOLOGICAL PARAMETER**


2.	Total Coliforms	Number/100ml	Nil	Nil	<i>Nil</i>
3.	E. coli / Thermo tolerant coli-forms	Number/100ml	Nil	Nil	<i>Nil</i>

**NOTE:** Indicate discrete sampling. Water qualities monitoring to be continued only if these are traced in drinking water sources.

**Remarks** *On the basis of sample received in the laboratory, this water sample is found fit for drinking purpose.*

  
Microbiologist  
Jal Shakti Vibhag  
Water Testing Lab. Mandi (H.P.)

  
Junior Engineer  
Jal Shakti Vibhag  
Sub-Division-Mandi(H.P.)

  
Assistant Engineer  
Jal Shakti Vibhag  
Sub-Division-Mandi(H.P.)

**Water Testing Laboratory,  
Motipur, Mandi (H.P.)**



**TEST REPORT**

Sample No: 3258/2	Date: 26/12/2025
Environmental Condition: Temperature 22.2°C	Relative Humidity 35%

Test Report No.: MDP1781  
 Name & Address Of Customer: Sr. Assistant Engineer (Civil) IIT Mandi (H.P.)  
 Sampling Method: APHA/IS  
 Sample Description: Drinking Water  
 Sample Quantity: 2lt.  
 Collected on: 23/12/2025  
 Test Start Date: 23/12/2025  
 Test End Date: 26/12/2025

Condition of Sample When Received: Good  
 Name of Source/Scheme: Scheme Source  
 Name of Panchayat: Kamand  
 Name of Habitation: IIT Kamand Mandi  
 Name of Village: Kamand  
 Type of Source: Treated water  
 Sample Submitted By: Sh. Omprakash

Sr. No.	Test	Test Method	Result	Units	Requirement as per IS 10500:2012	
					Acceptable limit	Permissible limit in absence of alternate source
<b>Physical Parameter</b>						
1	pH	IS-3025(PART-11) : 2022(ISO 10523:2008) Electrometric method	7.35 at temp 22.2°C		6.5-8.5	No Relaxation
2	Color	APHA24th Edition 2120 (Method-B) (Visual comparison method)	5	Hazen Unit	5 H.U.	15 H.U.
3	Odor	IS 3025(Part-5) 2018	Agreeable	Qualitative	Agreeable	Agreeable
4	Taste	IS 3025(Part-8) 2023	Agreeable	Qualitative	Agreeable	Agreeable
5	Turbidity	APHA 24 th Edition (Part-C) Nephelometric method	1.6	N.T.U.	1 NTU Max	5 NTU Max
<b>Chemical Parameter</b>						
6	Total hardness as CaCO <sub>3</sub>	IS-3025 (PART-21)-2009, Reaff.2019, 2023 EDTA Titration Method	98	Mg/l	200mg/l Max	600mg/l Max
7	Total Alkalinity as CaCO <sub>3</sub>	IS-3025 (PART-23) 2023 Indicator method	82	Mg/l	200mg/l Max	600mg/l Max
8	Chloride	IS :3025 (PART-32)-1988, Reaff.2019 Argentometric method	16.99	Mg/l	250mg/l Max	1000mg/l Max
9	Total Dissolved Solids (TDS)	APHA 23 <sup>rd</sup> Edition 2540-(Part-C) Total Dissolved solids (Dried at 180 degree Celsius)	110	Mg/l	500mg/l Max	2000mg/l Max
10	Calcium as Ca	APHA 24 <sup>th</sup> Edition 3500-Ca Method B (EDTA Titrimetric method)	24.85	Mg/l	75mg/l Max	200mg/l Max
11	Magnesium as Mg	APHA 24 th Edition 3500Mg-B (Calculation method)	6.80	Mg/l	30mg/l Max	100mg/l Max

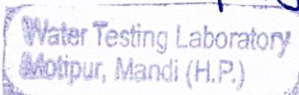
- Note:**
- Test report should not be produced partly or full for any purpose without approval of signatory authority for legal purpose.
  - The results refer only to tested samples and parameters tested.
  - The samples will be stored for a period of 7 days from the date of issue of report.

-----END OF REPORT-----

Reviewed By:

*[Signature]*

Authorized Signatory  
Water Testing Laboratory  
Motipur, Mandi (H.P.)



**Himachal Pradesh Jal Shakti Vibhag**  
**Water Testing Laboratory, Motipur, Mandi (H.P.)**

Lab Ref. No. MDP/781

GR No. 1606183

Name and Address of Sender: *Sr. Assistant Engineer (Civil) IIT Mandi (H.P.)*  
 Division: *Mandi* Sub-Division: *-*  
 Section: *-* Name of District: *Mandi*  
 Name of Block: *Sadar* Name of Panchyat: *Kamand*  
 Name of Village: *Kamand* Name of Habitation(s): *IIT Kamand Mandi*  
 Name of Scheme and Location of Source: *Sr. Assistant Engineer (Civil) IIT Mandi (H.P.) Tap at near Faculty Housing C-6*  
 Type of Source:  Scheme source /  Delivery Point /  Stand Post /  Surface Water /  Private /  Public  
 Date and time of collection: *23/12/2025* Date & Time of Receipt at Laboratory: *23/12/2025 11:16 AM*  
 Date & time of Commencing: *23/12/2025*  
 Type of Sample:  Raw Water /  Borewell /  Filtered Water /  Chlorinated Water /  Distributed System /  Hand Pump

limits :Based upon BIS : 10500-2012

**(A) PHYSICAL PARAMETER**

S.No.	Test Parameter	Units	Acceptable Limit	Permissible limits [in the absence of alternate source]	Result
1.	Temperature	°C	-	-	<i>22.2°C</i>

**(B) MICROBIOLOGICAL PARAMETER**

2.	Total Coliforms	Number/100ml	Nil	Nil	<i>Nil</i>
3.	E. coli / Thermo tolerant coli-forms	Number/100ml	Nil	Nil	<i>Nil</i>

**NOTE:** Indicate discrete sampling. Water qualities monitoring to be continued only if these are traced in drinking water sources.

Remarks: *On the basis of the sample received in the laboratory, this sample is fit for drinking consumption.*

*Paleria*

**Microbiologist**  
 Jal Shakti Vibhag  
 Water Testing Lab. Mandi (H.P.)

*[Signature]*

**Junior Engineer**  
 Jal Shakti Vibhag  
 Sub-Division-Mandi(H.P.)

*[Signature]*

**Assistant Engineer**  
 Jal Shakti Vibhag  
 Sub-Division-Mandi(H.P.)

**Water Testing Laboratory,  
Motipur, Mandi (H.P.)**



TC-17036

**TEST REPORT**

Sample No: <b>325813</b>	Date: <b>26/12/2025</b>
Environmental Condition: Temperature <b>22.2°C</b>	Relative Humidity <b>55%</b>

Test Report No.: **MDP1782**  
 Name & Address Of Customer: **Sr. Assistant Engineer, (Civil) IIT Mandi (H.P.)**  
 Sampling Method: **APMA/IS**  
 Sample Description: **Drinking Water**  
 Sample Quantity: **2lt.**  
 Collected on: **23/12/2025**  
 Test Start Date: **23/12/2025**  
 Test End Date: **26/12/2025**

Condition of Sample When Received: **Good**  
 Name of Source/Scheme: **Scheme Source**  
 Name of Panchayat: **Kamand**  
 Name of Habitation: **11T Kamand Mauch**  
 Name of Village: **Kamand**  
 Type of Source: **Treated Water**  
 Sample Submitted By: **Sh. Omprakash**

Sr. No.	Test	Test Method	Result	Units	Requirement as per IS 10500:2012	
					Acceptable limit	Permissible limit in absence of alternate source
<b>Physical Parameter</b>						
1	pH	IS-3025(PART-11) : 2022(ISO 10523:2008) Electrometric method	<b>7.28</b> <i>at temp 22.2°C</i>		6.5-8.5	No Relaxation
2	Color	APHA24th Edition 2120 (Method-B) (Visual comparison method)	<b>5</b>	Hazen Unit	5 H.U.	15 H.U.
3	Odor	IS 3025(Part-5) 2018	<b>Agreeable</b>	Qualitative	Agreeable	Agreeable
4	Taste	IS 3025(Part-8) 2023	<b>Agreeable</b>	Qualitative	Agreeable	Agreeable
5	Turbidity	APHA 24 th Edition (Part-C) Nephelometric method	<b>1.5</b>	N.T.U.	1 NTU Max	5 NTU Max
<b>Chemical Parameter</b>						
6	Total hardness as CaCO <sub>3</sub>	IS-3025 (PART-21)-2009, Reaff.2019, 2023 EDTA Titration Method	<b>90</b>	Mg/l	200mg/l Max	600mg/l Max
7	Total Alkalinity as CaCO <sub>3</sub>	IS-3025 (PART-23) 2023 Indicator method	<b>92</b>	Mg/l	200mg/l Max	600mg/l Max
8	Chloride	IS :3025 (PART-32)-1988, Reaff.2019 Argentometric method	<b>15.99</b>	Mg/l	250mg/l Max	1000mg/l Max
9	Total Dissolved Solids (TDS)	APHA 23 <sup>rd</sup> Edition 2540-(Part-C) Total Dissolved solids (Dried at 180 degree Celsius)	<b>115</b>	Mg/l	500mg/l Max	2000mg/l Max
10	Calcium as Ca	APHA 24 <sup>th</sup> Edition 3500-Ca Method B (EDTA Titrimetric method)	<b>21.64</b>	Mg/l	75mg/l Max	200mg/l Max
11	Magnesium as Mg	APHA 24 th Edition 3500Mg-B (Calculation method)	<b>7.77</b>	Mg/l	30mg/l Max	100mg/l Max

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  - The samples will be stored for a period of 7 days from the date of issue of report.

-----END OF REPORT-----

Reviewed By:

*Aprajita*  
 Water Testing Laboratory  
 Motipur, Mandi (H.P.)

*Aprajita*  
 Authorized Signatory  
 Water Testing Laboratory  
 Motipur, Mandi (H.P.)

**Himachal Pradesh Jal Shakti Vibhag**  
**Water Testing Laboratory, Motipur, Mandi (H.P.)**

Lab Ref. No. MDP/782

GR No. 16061/83

Name and Address of Sender: *Sr. Assistant Engineer (Civil) IIT Mandi (H.P.)*

Division: *Mandi* Sub-Division: .....

Section: *-* Name of District: *Mandi*

Name of Block: *Sadar* Name of Panchyat: *Kamand*

Name of Village: *Kamand* Name of Habitation(s): *IIT Kamand Mandi*

Name of Scheme and Location of Source: *Sr. Assistant Engineer (Civil) IIT Mandi (H.P.) Tap at near Main Tank South & North*

Type of Source: *Scheme source / Delivery Point / Stand Post / Surface Water / Private / Public*

Date and time of collection: *23/12/2025* Date & Time of Receipt at Laboratory: *23/12/2025 11:10 AM*

Date & time of Commencing: *23/12/2025*

Type of Sample: Raw Water / Borewell / Filtered Water / Chlorinated Water / Distributed System / Hand Pump

limits: Based upon BIS : 10500-2012

**(A) PHYSICAL PARAMETER**

S.No.	Test Parameter	Units	Acceptable Limit	Permissible limits [in the absence of alternate source]	Result
1.	Temperature	°C	-	-	<i>22.2°C</i>

**(B) MICROBIOLOGICAL PARAMETER**

2.	Total Coliforms	Number/100ml	Nil	Nil	<i>Nil</i>
3.	E. coli / Thermo tolerant coli-forms	Number/100ml	Nil	Nil	<i>Nil</i>

**NOTE:** Indicate discrete sampling. Water qualities monitoring to be continued only if these are traced in drinking water sources.

Remarks: *On the basis of the sample received in the laboratory, this sample is fit for drinking consumption.*

*Duleria*  
 Microbiologist  
 Jal Shakti Vibhag  
 Water Testing Lab. Mandi (H.P.)

*[Signature]*  
 Junior Engineer  
 Jal Shakti Vibhag  
 Sub-Division-Mandi(H.P.)

*[Signature]*  
 Assistant Engineer  
 Jal Shakti Vibhag  
 Sub-Division-Mandi(H.P.)

**Water Testing Laboratory,  
Motipur, Mandi (H.P.)**



**TEST REPORT**

Sample No: <u>3258/4</u>	Date: <u>26/12/2025</u>
Environmental Condition: Temperature <u>22.2°C</u>	Relative Humidity <u>55%</u>
Test Report No.: <u>MDP/783</u>	Condition of Sample When Received: <u>Good</u>
Name & Address Of Customer: <u>Sr. Assistant Engineer (Civil) IIT Mandi (H.P.)</u>	Name of Source/Scheme: <u>Scheme Source</u>
Sampling Method: <u>APHA IS</u>	Name of Panchayat: <u>Kamand</u>
Sample Description: <u>Drinking Water</u>	Name of Habitation: <u>IIT Kamand Mandi</u>
Sample Quantity: <u>2lt.</u>	Name of Village: <u>Kamand</u>
Collected on: <u>23/12/2025</u>	Type of Source: <u>Treated Water</u>
Test Start Date: <u>23/12/2025</u>	Sample Submitted By: <u>Sh. Omprakash</u>
Test End Date: <u>26/12/2025</u>	

Sr. No.	Test	Test Method	Result	Units	Requirement as per IS 10500:2012	
					Acceptable limit	Permissible limit in absence of alternate source
<b>Physical Parameter</b>						
1	pH	IS-3025(PART-11) : 2022(ISO 10523:2008) Electrometric method	<u>7.39</u> <i>at temp 22.2°C</i>		6.5-8.5	No Relaxation
2	Color	APHA24th Edition 2120 (Method-B) (Visual comparison method)	<u>5</u>	Hazen Unit	5 H.U.	15 H.U.
3	Odor	IS 3025(Part-5) 2018	<u>Agreeable</u>	Qualitative	Agreeable	Agreeable
4	Taste	IS 3025(Part-8) 2023	<u>Agreeable</u>	Qualitative	Agreeable	Agreeable
5	Turbidity	APHA 24 th Edition (Part-C) Nephelometric method	<u>1.7</u>	N.T.U.	1 NTU Max	5 NTU Max
<b>Chemical Parameter</b>						
6	Total hardness as CaCO <sub>3</sub>	IS-3025 (PART-21)-2009,Reaff.2019,2023EDTA Titration Method	<u>90</u>	Mg/l	200mg/l Max	600mg/l Max
7	Total Alkalinity as CaCO <sub>3</sub>	IS-3025 (PART-23) 2023 Indicator method	<u>92</u>	Mg/l	200mg/l Max	600mg/l Max
8	Chloride	IS :3025 (PART-32)-1988, Reaff.2019 Argentometric method	<u>16.49</u>	Mg/l	250mg/l Max	1000mg/l Max
9	Total Dissolved Solids (TDS)	APHA 23 <sup>rd</sup> Edition 2540-(Part-C)Total Dissolved solids (Dried at 180 degree Celsius)	<u>130</u>	Mg/l	500mg/l Max	2000mg/l Max
10	Calcium as Ca	APHA 24 <sup>th</sup> Edition 3500-Ca Method B (EDTA Titrimetric method)	<u>24.04</u>	Mg/l	75mg/l Max	200mg/l Max
11	Magnesium as Mg	APHA 24 th Edition 3500Mg-B (Calculation.method)	<u>6.32</u>	Mg/l	30mg/l Max	100mg/l Max

- Note:**
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  - The samples will be stored for a period of 7 days from the date of issue of report.

-----END OF REPORT-----

Reviewed By :- Aprajita  
Water Testing Laboratory  
Motipur, Mandi (H.P.)

Aprajita  
Authorized Signatory  
Water Testing Laboratory  
Motipur, Mandi (H.P.)  
Water Testing Laboratory  
Motipur, Mandi (H.P.)

**Himachal Pradesh Jal Shakti Vibhag**  
**Water Testing Laboratory, Motipur, Mandi (H.P.)**

Lab Ref. No. MDP/783 GR No. ....

Name and Address of Sender: Sr. Assistant Engineer (Civil) IIT Mandi (H.P.)  
 Division: Mandi Sub-Division: .....  
 Section: ..... Name of District: Mandi  
 Name of Block: Sadar Name of Panchyat: Kamand  
 Name of Village: Kamand Name of Habitation(s): IIT Kamand Mandi  
 Name of Scheme and Location of Source: Sr. Assistant Engineer (Civil) IIT Mandi H.P. Tap at near Boys Hostel B-1  
 Type of Source: Scheme source / Delivery Point / Stand Post / Surface Water / Private / Public.  
 Date and time of collection: 23/12/2025 Date & Time of Receipt at Laboratory: 23/12/2025 11:10 AM  
 Date & time of Commencing: 23/12/2025  
 Type of Sample: Raw Water / Borewell / Filtered Water / Chlorinated Water / Distributed System / Hand Pump

limits : Based upon BIS : 10500-2012

**(A) PHYSICAL PARAMETER**

S.No.	Test Parameter	Units	Acceptable Limit	Permissible limits [in the absence of alternate source]	Result
1.	Temperature	°C	-	-	22.2°C

**(B) MICROBIOLOGICAL PARAMETER**

2.	Total Coliforms	Number/100ml	Nil	Nil	Nil
3.	E. coli / Thermo tolerant coli-forms	Number/100ml	Nil	Nil	Nil

**NOTE:** Indicate discrete sampling. Water qualities monitoring to be continued only if these are traced in drinking water sources.

Remarks: On the basis of sample received in the laboratory this sample is fit for drinking consumption.

*Duleria*

**Microbiologist**  
**Jal Shakti Vibhag**  
**Water Testing Lab. Mandi (H.P.)**  
 Motipur, Mandi (H.P.)

*P.P.H.*  
**Junior Engineer**  
**Jal Shakti Vibhag**  
**Sub-Division-Mandi(H.P.)**

*G*  
**Assistant Engineer**  
**Jal Shakti Vibhag**  
**Sub-Division-Mandi(H.P.)**

**Water Testing Laboratory,  
Motipur, Mandi (H.P.)**



**TEST REPORT**

Sample No.: <b>3258/1</b>	Date: <b>26/12/2025</b>
Environmental Condition: Temperature <b>22.2°C</b>	Relative Humidity <b>55.0%</b>

Test Report No.: **MDP/780**  
 Name & Address Of Customer: **Sr. Assistant Engineer (Civil) IIT Mandi (H.P.)** Condition of Sample When Received: **Good**  
 Sampling Method: **APHA/IS** Name of Source/Scheme: **Scheme Source**  
 Sample Description: **Drinking Water** Name of Panchayat: **Kamand**  
 Sample Quantity: **2lt.** Name of Habitation: **IIT Kamand Mandi**  
 Collected on: **23/12/2025** Name of Village: **Kamand**  
 Test Start Date: **23/12/2025** Type of Source: **Treated Water**  
 Test End Date: **26/12/2025** Sample Submitted By: **Sh. Omprakash**

Sr. No.	Test	Test Method	Result	Units	Requirement as per IS 10500:2012	
					Acceptable limit	Permissible limit in absence of alternate source
<b>Physical Parameter</b>						
1	pH	IS-3025(PART-11) : 2022(ISO 10523:2008) Electrometric method	<b>7.21 at temp 22.2°C</b>		6.5-8.5	No Relaxation
2	Color	APHA24th Edition 2120 (Method-B) (Visual comparison method)	<b>5</b>	Hazen Unit	5 H.U.	15 H.U.
3	Odor	IS 3025(Part-5) 2018	<b>Agreeable</b>	Qualitative	Agreeable	Agreeable
4	Taste	IS 3025(Part-8) 2023	<b>Agreeable</b>	Qualitative	Agreeable	Agreeable
5	Turbidity	APHA 24 th Edition (Part-C) Nephelometric method	<b>1.8</b>	N.T.U.	1 NTU Max	5 NTU Max
<b>Chemical Parameter</b>						
6	Total hardness as CaCO <sub>3</sub>	IS-3025 (PART-21)-2009, Reaff.2019,2023 EDTA Titration Method	<b>102</b>	Mg/l	200mg/l Max	600mg/l Max
7	Total Alkalinity as CaCO <sub>3</sub>	IS-3025 (PART-23) 2023 Indicator method	<b>86</b>	Mg/l	200mg/l Max	600mg/l Max
8	Chloride	IS :3025 (PART-32)-1988, Reaff.2019 Argentometric method	<b>17.49</b>	Mg/l	250mg/l Max	1000mg/l Max
9	Total Dissolved Solids (TDS)	APHA 23 <sup>rd</sup> Edition 2540-(Part-C) Total Dissolved solids (Dried at 180 degree Celsius)	<b>120</b>	Mg/l	500mg/l Max	2000mg/l Max
10	Calcium as Ca	APHA 24 <sup>th</sup> Edition 3500-Ca Method B (EDTA Titremetric method)	<b>23.24</b>	Mg/l	75mg/l Max	200mg/l Max
11	Magnesium as Mg	APHA 24 th Edition 3500Mg-β (Calculation method)	<b>6.80</b>	Mg/l	30mg/l Max	100mg/l Max

- Note:**
- Test report should not be produced partly or full for any purpose without approval of signatory authority for legal purpose.
  - The results refer only to tested samples and parameters tested.
  - The samples will be stored for a period of 7 days from the date of issue of report.

-----END OF REPORT-----

Reviewed By :-

*Aparajita*

*Aparajita*  
 Authorized Signatory  
 Water Testing Laboratory  
 Motipur, Mandi (H.P.)

**Himachal Pradesh Jal Shakti Vibhag**  
**Water Testing Laboratory, Motipur, Mandi (H.P.)**

Lab Ref. No. MDP/780

GR No. 1606183

Name and Address of Sender: *Sr. Assistant Engineer (Civil) IIT Mandi (H.P.)*  
 Division: *Mandi* Sub-Division: *-*  
 Section: *-* Name of District: *Mandi*  
 Name of Block: *Sadar* Name of Panchyat: *Kamand*  
 Name of Village: *Kamand* Name of Habitation(s): *IIT Kamand Mandi*  
 Name of Scheme and Location of Source: *Sr. Assistant Engineer (Civil) IIT Mandi (H.P.) Tap at near Dining Hall D3*  
 Type of Source: *Scheme source / Delivery Point / Stand Post / Surface Water / Private / Public*  
 Date and time of collection: *23/12/2025* Date & Time of Receipt at Laboratory: *23/12/2025 11:10 AM*  
 Date & time of Commencing: *23/12/2025*  
 Type of Sample: *Raw Water / Borewell / Filtered Water / Chlorinated Water / Distributed System / Hand Pump*

limits : Based upon BIS : 10500-2012

**(A) PHYSICAL PARAMETER**

S.No.	Test Parameter	Units	Acceptable Limit	Permissible limits [in the absence of alternate source]	Result
1.	Temperature	°C	-	-	<i>22.2°C</i>

**(B) MICROBIOLOGICAL PARAMETER**

2.	Total Coliforms	Number/100ml	Nil	Nil	<i>Nil</i>
3.	E. coli / Thermo tolerant coli-forms	Number/100ml	Nil	Nil	<i>Nil</i>

**NOTE:** Indicate discrete sampling. Water qualities monitoring to be continued only if these are traced in drinking water sources.

Remarks: *On the basis of the sample received in the laboratory this sample is fit for drinking consumption.*

*[Signature]*  
 Microbiologist  
 Jal Shakti Vibhag  
 Water Testing Lab. Mandi (H.P.)

*[Signature]*  
 Junior Engineer  
 Jal Shakti Vibhag  
 Sub-Division-Mandi(H.P.)

*[Signature]*  
 Assistant Engineer  
 Jal Shakti Vibhag  
 Sub-Division-Mandi(H.P.)  
 Mandi (H.P.)

**Water Testing Laboratory,  
Motipur, Mandi (H.P.)**



**TEST REPORT**

Sample No.: <u>3394/5</u>	Date: <u>13/3/2026</u>
Environmental Condition: Temperature <u>22.5°C ± 2</u>	Relative Humidity <u>50%</u>

Test Report No.: MDR/853

Name & Address Of Customer: Assistant Engineer Civil IIT  
Kamand Mandi (H.P.)

Sampling Method: IS/APHA  
Sample Description: Drinking Water  
Sample Quantity: 2lt.

Collected on: 12/3/2026  
Test Start Date: 12/3/2026  
Test End Date: 12/3/2026

Condition of Sample When Received: Good  
Name of Source/Scheme: Scheme Source  
Name of Panchayat: Kamand  
Name of Habitation: IIT Mandi  
Name of Village: Kamand  
Type of Source: Treated Water  
Sample Submitted By: Sh. Hemraj

Sr. No.	Test	Test Method	Result	Units	Requirement as per IS 10500:2012	
					Acceptable limit	Permissible limit in absence of alternate source
<b>Physical Parameter</b>						
1	pH	IS-3025(PART-11) : 2022(ISO 10523:2008) Electrometric method	<u>7.70</u> <i>at temp 22.5°C ± 2</i>		6.5-8.5	No Relaxation
2	Color	APHA 24th Edition 2120 (Method-B) (Visual comparison method)	<u>5</u>	Hazen Unit	5 H.U.	15 H.U.
3	Odor	IS 3025(Part-5) 2018	<u>Agreeable</u>	Qualitative	Agreeable	Agreeable
4	Taste	IS 3025(Part-8) 2023	<u>Agreeable</u>	Qualitative	Agreeable	Agreeable
5	Turbidity	APHA 24 th Edition (Part-C) Nephelometric method	<u>1.5</u>	N.T.U.	1 NTU Max	5 NTU Max
<b>Chemical Parameter</b>						
6	Total hardness as CaCO <sub>3</sub>	IS-3025 (PART-21)-2009, Reaff. 2019, 2023 EDTA Titration Method	<u>78</u>	Mg/l	200mg/l Max	600mg/l Max
7	Total Alkalinity as CaCO <sub>3</sub>	IS-3025 (PART-23) 2023 Indicator method	<u>60</u>	Mg/l	200mg/l Max	600mg/l Max
8	Chloride	IS :3025 (PART-32)-1988, Reaff. 2019 Argentometric method	<u>17.49</u>	Mg/l	250mg/l Max	1000mg/l Max
9	Total Dissolved Solids (TDS)	APHA 23 <sup>rd</sup> Edition 2540-(Part-C) Total Dissolved solids (Dried at 180 degree Celsius)	<u>120</u>	Mg/l	500mg/l Max	2000mg/l Max
10	Calcium as Ca	APHA 24 <sup>th</sup> Edition 3500-Ca Method B (EDTA Titrimetric method)	<u>21.64</u>	Mg/l	75mg/l Max	200mg/l Max
11	Magnesium as Mg	APHA 24 th Edition 3500Mg-B (Calculation method)	<u>8.75</u>	Mg/l	30mg/l Max	100mg/l Max

- Note:**
- Test report should not be produced partly or full for any purpose without approval of signatory authority for legal purpose.
  - The results refer only to tested samples and parameters tested.
  - The samples will be stored for a period of 7 days from the date of issue of report.

-----END OF REPORT-----

Reviewed By :- Aparajita  
Authorized Signatory  
Water Testing Laboratory  
Motipur, Mandi (H.P.)

Aparajita  
Authorized Signatory  
Water Testing Laboratory  
Motipur, Mandi (H.P.)

**Himachal Pradesh Jal Shakti Vibhag**  
**Water Testing Laboratory, Motipur, Mandi (H.P.)**

Lab Ref. No. MDP/853

GR No. 1607615

Name and Address of Sender: *Assistant Engineer Civil IIT Kamand Mandi (H.P.)*  
 Division: *Mandi* Sub-Division: *Mandi*  
 Section: *-* Name of District: *Mandi*  
 Name of Block: *Mandi Sadak* Name of Panchyat: *Kamand*  
 Name of Village: *Kamand* Name of Habitation(s): *IIT Mandi*  
 Name of Scheme and Location of Source: *Scheme source and Staff housing C3*

Type of Source : Scheme source / Delivery Point / Stand Post / Surface Water / Private / Public.  
 Date and time of collection: *12/03/2026* Date & Time of Receipt at Laboratory: *12/03/2026 @ 3:00 PM*  
 Date & time of Commencing: *12/03/2026 - 16/03/2026*  
 Type of Sample: Raw Water / Borewell / Filtered Water / Chlorinated Water / Distributed System / Hand Pump

limits : Based upon BIS : 10500-2012

**(A) PHYSICAL PARAMETER**


S.No.	Test Parameter	Units	Acceptable Limit	Permissible limits [in the absence of alternate source]	Result
1.	Temperature	°C	-	-	<i>22.5°C ± 2°C</i>

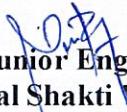
**(B) MICROBIOLOGICAL PARAMETER**

2.	Total Coliforms	Number/100ml	Nil	Nil	<i>Nil</i>
3.	E. coli / Thermo tolerant coli-forms	Number/100ml	Nil	Nil	<i>Nil</i>

**NOTE:** Indicate discrete sampling. Water qualities monitoring to be continued only if these are traced in drinking water sources.

**Remarks** *On the basis of sample received in the laboratory, this water sample is found fit for drinking purpose.*

  
**Microbiologist**  
 Jal Shakti Vibhag  
 Water Testing Lab. Mandi (H.P.)

  
**Junior Engineer**  
 Jal Shakti Vibhag  
 Sub-Division-Mandi(H.P.)

  
**Assistant Engineer**  
 Jal Shakti Vibhag  
 Sub-Division-Mandi(H.P.)

**Water Testing Laboratory,  
Motipur, Mandi (H.P.)**



**TEST REPORT**

Sample No: 3393/4	Date: 13/3/2026
Environmental Condition: Temperature 22.5°C ± 2	Relative Humidity 50%

Test Report No.: MDP/ 852  
 Name & Address Of Customer: Assistant Engineer Civil 11T Kamand Mandi (H.P.)  
 Sampling Method: IS/ APHA  
 Sample Description: Drinking Water  
 Sample Quantity: 2lt.  
 Collected on: 12/3/2026  
 Test Start Date: 12/3/2026  
 Test End Date: 12/3/2026

Condition of Sample When Received: Good  
 Name of Source/Scheme: Scheme Source  
 Name of Panchayat: Kamand  
 Name of Habitation: 11T Mandi  
 Name of Village: Kamand  
 Type of Source: Treated Water  
 Sample Submitted By: Sh. Hemraj

Sr. No.	Test	Test Method	Result	Units	Requirement as per IS 10500:2012	
					Acceptable limit	Permissible limit in absence of alternate source
<b>Physical Parameter</b>						
1	pH	IS-3025(PART-11) : 2022(ISO 10523:2008) Electrometric method	7.67 at 22.5°C ± 2		6.5-8.5	No Relaxation
2	Color	APHA 24th Edition 2120 (Method-B) (Visual comparison method)	5	Hazen Unit	5 H.U.	15 H.U.
3	Odor	IS 3025(Part-5) 2018	Agreeable	Qualitative	Agreeable	Agreeable
4	Taste	IS 3025(Part-8) 2023	Agreeable	Qualitative	Agreeable	Agreeable
5	Turbidity	APHA 24 th Edition (Part-C) Nephelometric method	1.6	N.T.U.	1 NTU Max	5 NTU Max
<b>Chemical Parameter</b>						
6	Total hardness as CaCO <sub>3</sub>	IS-3025 (PART-21)-2009, Reaff. 2019, 2023 EDTA Titration Method	80	Mg/l	200mg/l Max	600mg/l Max
7	Total Alkalinity as CaCO <sub>3</sub>	IS-3025 (PART-23) 2023 Indicator method	64	Mg/l	200mg/l Max	600mg/l Max
8	Chloride	IS :3025 (PART-32)-1988, Reaff. 2019 Argentometric method	17.49	Mg/l	250mg/l Max	1000mg/l Max
9	Total Dissolved Solids (TDS)	APHA 23 <sup>rd</sup> Edition 2540-(Part-C) Total Dissolved solids (Dried at 180 degree Celsius)	125	Mg/l	500mg/l Max	2000mg/l Max
10	Calcium as Ca	APHA 24 <sup>th</sup> Edition 3500-Ca Method B (EDTA Titrimetric method)	17.63	Mg/l	75mg/l Max	200mg/l Max
11	Magnesium as Mg	APHA 24 th Edition 3500Mg-B (Calculation method)	5.35	Mg/l	30mg/l Max	100mg/l Max

- Note:**
- Test report should not be produced partly or full for any purpose without approval of signatory authority for legal purpose.
  - The results refer only to tested samples and parameters tested.
  - The samples will be stored for a period of 7 days from the date of issue of report.

-----END OF REPORT-----

Reviewed By :-

*Aprejita*  
 Authorised Signatory  
 Water Testing Laboratory  
 Motipur, Mandi (H.P.)

*Aprejita*  
 Authorized Signatory  
 Water Testing Laboratory  
 Motipur, Mandi (H.P.)

**Himachal Pradesh Jal Shakti Vibhag**  
**Water Testing Laboratory, Motipur, Mandi (H.P.)**

Lab Ref. No. MDP/852

GR No. 1607615

Name and Address of Sender: *Assistant Engineer Civil IIT Kamand Mandi (H.P.)*  
Division: *Mandi* Sub-Division: *Mandi*  
Section: *-* Name of District: *Mandi*  
Name of Block: *Mandi Sadat* Name of Panchyat: *Kamand*  
Name of Village: *Kamand* Name of Habitation(s): *IIT Mandi*  
Name of Scheme and Location of Source: *Scheme Source and Boys hostel b5*

Type of Source:  Scheme source /  Delivery Point /  Stand Post /  Surface Water /  Private /  Public.  
Date and time of collection: *12/03/2026* Date & Time of Receipt at Laboratory: *12/03/2026 4:30 PM*  
Date & time of Commencing: *12/03/2026 - 16/03/2026*  
Type of Sample: Raw Water / Borewell / Filtered Water / Chlorinated Water / Distributed System / Hand Pump

limits: **Based upon BIS : 10500-2012**

**(A) PHYSICAL PARAMETER**


S.No.	Test Parameter	Units	Acceptable Limit	Permissible limits [in the absence of alternate source]	Result
1.	Temperature	°C	-	-	<i>22.5°C ± 2°C</i>


**(B) MICROBIOLOGICAL PARAMETER**


2.	Total Coliforms	Number/100ml	Nil	Nil	<i>Nil</i>
3.	E. coli / Thermo tolerant coli-forms	Number/100ml	Nil	Nil	<i>Nil</i>

**NOTE:** Indicate discrete sampling. Water qualities monitoring to be continued only if these are traced in drinking water sources.

**Remarks** *On the basis of sample received in the laboratory, this water sample is found fit for drinking purpose.*

  
**Microbiologist**  
Jal Shakti Vibhag  
Water Testing Lab. Mandi (H.P.)

  
**Junior Engineer**  
Jal Shakti Vibhag  
Sub-Division-Mandi(H.P.)

  
**Assistant Engineer**  
Jal Shakti Vibhag  
Sub-Division-Mandi(H.P.)

**Water Testing Laboratory,  
Motipur, Mandi (H.P.)**



**TEST REPORT**

Sample No: <u>3393/1</u>	Date: <u>12/3/2026</u>
Environmental Condition: Temperature <u>22.5°C ± 2</u>	Relative Humidity <u>50%</u>

Test Report No.: MOP/849  
 Name & Address Of Customer: Assistant Engineer Civil IIT Kamand Mandi (H.P.)  
 Sampling Method: IS/APHA  
 Sample Description: Drinking Water  
 Sample Quantity: 2lt.  
 Collected on: 12/3/2026  
 Test Start Date: 12/3/2026  
 Test End Date: 12/3/2026

Condition of Sample When Received: Good  
 Name of Source/Scheme: Scheme Source  
 Name of Panchayat: Kamand  
 Name of Habitation: IIT Mandi  
 Name of Village: Kamand  
 Type of Source: Treated Water  
 Sample Submitted By: Sh. Hemraj

Sr. No.	Test	Test Method	Result	Units	Requirement as per IS 10500:2012	
					Acceptable limit	Permissible limit in absence of alternate source
<b>Physical Parameter</b>						
1	pH	IS-3025(PART-11) : 2022(ISO 10523:2008) Electrometric method	<u>7.56</u> <i>at temp 22.5°C ± 2</i>		6.5-8.5	No Relaxation
2	Color	APHA24th Edition 2120 (Method-B) (Visual comparison method)	<u>5</u>	Hazen Unit	5 H.U.	15 H.U.
3	Odor	IS 3025(Part-5) 2018	<u>Agreeable</u>	Qualitative	Agreeable	Agreeable
4	Taste	IS 3025(Part-8) 2023	<u>Agreeable</u>	Qualitative	Agreeable	Agreeable
5	Turbidity	APHA 24 th Edition (Part-C) Nephelometric method	<u>1.7</u>	N.T.U.	1 NTU Max	5 NTU Max
<b>Chemical Parameter</b>						
6	Total hardness as CaCO <sub>3</sub>	IS-3025 (PART-21)- 2009, Reaff. 2019, 2023 EDTA Titration Method	<u>82</u>	Mg/l	200mg/l Max	600mg/l Max
7	Total Alkalinity as CaCO <sub>3</sub>	IS-3025 (PART-23) 2023 Indicator method	<u>58</u>	Mg/l	200mg/l Max	600mg/l Max
8	Chloride	IS :3025 (PART-32)-1988, Reaff. 2019 Argentometric method	<u>17.99</u>	Mg/l	250mg/l Max	1000mg/l Max
9	Total Dissolved Solids (TDS)	APHA 23 <sup>rd</sup> Edition 2540-(Part-C) Total Dissolved solids (Dried at 180 degree Celsius)	<u>120</u>	Mg/l	500mg/l Max	2000mg/l Max
10	Calcium as Ca	APHA 24 <sup>th</sup> Edition 3500-Ca Method B (EDTA Titrimetric method)	<u>18.44</u>	Mg/l	75mg/l Max	200mg/l Max
11	Magnesium as Mg	APHA 24 th Edition 3500Mg-B (Calculation method)	<u>5.83</u>	Mg/l	30mg/l Max	100mg/l Max

- Note:**
- Test report should not be produced partly or full for any purpose without approval of signatory authority for legal purpose.
  - The results refer only to tested samples and parameters tested.
  - The samples will be stored for a period of 7 days from the date of issue of report.

-----END OF REPORT-----

Reviewed By :- Aprajita  
 Authorised Signatory  
 Water Testing Laboratory  
 Motipur, Mandi (H.P.)

Aprajita  
 Authorized Signatory  
 Water Testing Laboratory  
 Motipur, Mandi (H.P.)

**Himachal Pradesh Jal Shakti Vibhag**  
**Water Testing Laboratory, Motipur, Mandi (H.P.)**

Lab Ref. No. MDP/849

GR No. 1607615

Name and Address of Sender: *Assistant Engineer Civil IIT Kamand Mandi (H.P.)*  
Division: *Mandi* Sub-Division: *Mandi*  
Section: *-* Name of District: *Mandi*  
Name of Block: *Mandi Sadar* Name of Panchyat: *Kamand*  
Name of Village: *Kamand* Name of Habitation(s): *IIT Mandi*  
Name of Scheme and Location of Source: *Scheme Source and North South Main Tank*

Type of Source:  Scheme source /  Delivery Point /  Stand Post /  Surface Water /  Private /  Public.  
Date and time of collection: *12/03/2026* Date & Time of Receipt at Laboratory: *12/03/2026 3:00 PM*  
Date & time of Commencing: *12/03/2026 - 16/03/2026*  
Type of Sample: Raw Water / Borewell / Filtered Water / Chlorinated Water / Distributed System / Hand Pump

limits :Based upon BIS : 10500-2012

**(A) PHYSICAL PARAMETER**


S.No.	Test Parameter	Units	Acceptable Limit	Permissible limits [in the absence of alternate source]	Result
1.	Temperature	°C	-	-	<i>22.5°C ± 2c</i>

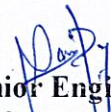
**(B) MICROBIOLOGICAL PARAMETER**


2.	Total Coliforms	Number/100ml	Nil	Nil	<i>Nil</i>
3.	E. coli / Thermo tolerant coli-forms	Number/100ml	Nil	Nil	<i>Nil</i>

**NOTE:** Indicate discrete sampling. Water qualities monitoring to be continued only if these are traced in drinking water sources.

**Remarks** *On the basis of sample received in the laboratory, this water sample is found fit for drinking purpose.*

  
**Microbiologist**  
Jal Shakti Vibhag  
Water Testing Lab. Mandi (H.P.)

  
**Junior Engineer**  
Jal Shakti Vibhag  
Sub-Division-Mandi(H.P.)

  
**Assistant Engineer**  
Jal Shakti Vibhag  
Sub-Division-Mandi(H.P.)

**Water Testing Laboratory,  
Motipur, Mandi (H.P.)**



TC-17036

**TEST REPORT**

Sample No: <u>3393/3</u>	Date: <u>13/3/2026</u>
Environmental Condition: Temperature <u>22.5°C ± 2</u>	Relative Humidity <u>50%</u>

Test Report No.: MDP/851

Name & Address Of Customer: Assistant Engineer Civil IIT Kamand Mandi (H.P.)

Condition of Sample When Received: Good

Sampling Method: IS/APHA

Name of Source/Scheme: Scheme Source

Sample Description: Drinking Water

Name of Panchayat: Kamand

Sample Quantity: 2lt.

Name of Habitation: IIT Mandi

Collected on: 12/3/2026

Name of Village: Kamand

Test Start Date: 12/3/2026

Type of Source: Treated Water

Test End Date: 12/3/2026

Sample Submitted By: Sh. Hemraj

Sr. No.	Test	Test Method	Result	Units	Requirement as per IS 10500:2012	
					Acceptable limit	Permissible limit in absence of alternate source
<b>Physical Parameter</b>						
1	pH	IS-3025(PART-11) : 2022(ISO 10523:2008) Electrometric method	<u>7.62</u> at <u>22.5°C</u> ± <u>2°C</u>		6.5-8.5	No Relaxation
2	Color	APHA 24th Edition 2120 (Method-B) (Visual comparison method)	<u>5</u>	Hazen Unit	5 H.U.	15 H.U.
3	Odor	IS 3025(Part-5) 2018	<u>Agreeable</u>	Qualitative	Agreeable	Agreeable
4	Taste	IS 3025(Part-8) 2023	<u>Agreeable</u>	Qualitative	Agreeable	Agreeable
5	Turbidity	APHA 24 th Edition (Part-C) Nephelometric method	<u>1.9</u>	N.T.U.	1 NTU Max	5 NTU Max
<b>Chemical Parameter</b>						
6	Total hardness as CaCO <sub>3</sub>	IS-3025 (PART-21)-2009, Reaff. 2019, 2023 EDTA Titration Method	<u>78</u>	Mg/l	200mg/l Max	600mg/l Max
7	Total Alkalinity as CaCO <sub>3</sub>	IS-3025 (PART-23) 2023 Indicator method	<u>62</u>	Mg/l	200mg/l Max	600mg/l Max
8	Chloride	IS :3025 (PART-32)-1988, Reaff. 2019 Argentometric method	<u>17.99</u>	Mg/l	250mg/l Max	1000mg/l Max
9	Total Dissolved Solids (TDS)	APHA 23 <sup>rd</sup> Edition 2540-(Part-C) Total Dissolved solids (Dried at 180 degree Celsius)	<u>120</u>	Mg/l	500mg/l Max	2000mg/l Max
10	Calcium as Ca	APHA 24 <sup>th</sup> Edition 3500-Ca Method B (EDTA Titrimetric method)	<u>21.64</u>	Mg/l	75mg/l Max	200mg/l Max
11	Magnesium as Mg	APHA 24 th Edition 3500Mg-B (Calculation method)	<u>8.75</u>	Mg/l	30mg/l Max	100mg/l Max

- Note:**
- Test report should not be produced partly or full for any purpose without approval of signatory authority for legal purpose.
  - The results refer only to tested samples and parameters tested.
  - The samples will be stored for a period of 7 days from the date of issue of report.

-----END OF REPORT-----

Reviewed By :- Apurita  
 Authorised Signatory  
 Water Testing Laboratory  
 Motipur, Mandi (H.P.)

Apurita  
 Authorised Signatory  
 Water Testing Laboratory  
 Motipur, Mandi (H.P.)

**Himachal Pradesh Jal Shakti Vibhag**  
**Water Testing Laboratory, Motipur, Mandi (H.P.)**

Lab Ref. No. MDP/851

GR No. 1607615

Name and Address of Sender: *Assistant Engineer Civil IIT Kamand Mandi (H.P.)*  
Division: *Mandi* Sub-Division: *Mandi*  
Section: *-* Name of District: *Mandi*  
Name of Block: *Mandi Saalat* Name of Panchyat: *Kamand*  
Name of Village: *Kamand* Name of Habitation(s): *IIT Mandi*  
Name of Scheme and Location of Source: *Scheme Source and Academic Block A8*

Type of Source:  Scheme source /  Delivery Point /  Stand Post /  Surface Water /  Private /  Public.  
Date and time of collection: *12/03/2026* Date & Time of Receipt at Laboratory: *12/03/2026 4:30 PM*  
Date & time of Commencing: *12/03/2026 - 16/03/2026*  
Type of Sample: Raw Water / Borewell / Filtered Water / Chlorinated Water / Distributed System / Hand Pump

limits :Based upon BIS : 10500-2012

**(A) PHYSICAL PARAMETER**


S.No.	Test Parameter	Units	Acceptable Limit	Permissible limits[in the absence of alternate source]	Result
1.	Temperature	°C	-	-	<i>22.5°C ± 2°C</i>


**(B) MICROBIOLOGICAL PARAMETER**


2.	Total Coliforms	Number/100ml	Nil	Nil	<i>Nil</i>
3.	E. coli / Thermo tolerant coli-forms	Number/100ml	Nil	Nil	<i>Nil</i>

**NOTE:** Indicate discrete sampling. Water qualities monitoring to be continued only if these are traced in drinking water sources.

Remarks: *On the basis of sample received in the laboratory, this water sample is found fit for drinking purpose.*

  
Microbiologist  
Jal Shakti Vibhag  
Water Testing Lab. Mandi (H.P.)

  
Junior Engineer  
Jal Shakti Vibhag  
Sub-Division-Mandi(H.P.)

  
Assistant Engineer  
Jal Shakti Vibhag  
Sub-Division-Mandi(H.P.)

**Water Testing Laboratory,  
Motipur, Mandi (H.P.)**



TC-17036

**TEST REPORT**

Sample No.: <b>325815</b>	Date: <b>26/12/2025</b>
Environmental Condition: Temperature <b>22.2°C</b>	Relative Humidity <b>55%</b>

Test Report No.: **MDP/784**  
 Name & Address Of Customer: **Sr. Assistant Engineer (Civil) Mandi (H.P.)**  
 Sampling Method: **APHA IS**  
 Sample Description: **Drinking Water**  
 Sample Quantity: **2lt.**  
 Collected on: **23/12/2025**  
 Test Start Date: **23/12/2025**  
 Test End Date: **26/12/2025**

Condition of Sample When Received: **Good**  
 Name of Source/Scheme: **Scheme Source**  
 Name of Panchayat: **Kamand**  
 Name of Habitation: **11T Kamand Mandi**  
 Name of Village: **Kamand**  
 Type of Source: **Treated Water**  
 Sample Submitted By: **Sh. Omprakash**

Sr. No.	Test	Test Method	Result	Units	Requirement as per IS 10500:2012	
					Acceptable limit	Permissible limit in absence of alternate source
<b>Physical Parameter</b>						
1	pH	IS-3025(PART-11) : 2022(ISO 10523:2008) Electrometric method	<b>7.18 at temp 22.2°C</b>		6.5-8.5	No Relaxation
2	Color	APHA 24th Edition 2120 (Method-B) (Visual comparison method)	<b>5</b>	Hazen Unit	5 H.U.	15 H.U.
3	Odor	IS 3025(Part-5) 2018	<b>Agreeable</b>	Qualitative	Agreeable	Agreeable
4	Taste	IS 3025(Part-8) 2023	<b>Agreeable</b>	Qualitative	Agreeable	Agreeable
5	Turbidity	APHA 24 th Edition (Part-C) Nephelometric method	<b>1.4</b>	N.T.U.	1 NTU Max	5 NTU Max
<b>Chemical Parameter</b>						
6	Total hardness as CaCO <sub>3</sub>	IS-3025 (PART-21)-2009, Reaff.2019, 2023 EDTA Titration Method	<b>106</b>	Mg/l	200mg/l Max	600mg/l Max
7	Total Alkalinity as CaCO <sub>3</sub>	IS-3025 (PART-23) 2023 Indicator method	<b>88</b>	Mg/l	200mg/l Max	600mg/l Max
8	Chloride	IS :3025 (PART-32)-1988, Reaff.2019 Argentometric method	<b>18.49</b>	Mg/l	250mg/l Max	1000mg/l Max
9	Total Dissolved Solids (TDS)	APHA 23 <sup>rd</sup> Edition 2540-(Part-C) Total Dissolved solids (Dried at 180 degree Celsius)	<b>125</b>	Mg/l	500mg/l Max	2000mg/l Max
10	Calcium as Ca	APHA 24 <sup>th</sup> Edition 3500-Ca Method B (EDTA Titrimetric method)	<b>24.85</b>	Mg/l	75mg/l Max	200mg/l Max
11	Magnesium as Mg	APHA 24 th Edition 3500Mg-B (Calculation method)	<b>8.75</b>	Mg/l	30mg/l Max	100mg/l Max

- Note:**
- Test report should not be produced partly or full for any purpose without approval of signatory authority for legal purpose.
  - The results refer only to tested samples and parameters tested.
  - The samples will be stored for a period of 7 days from the date of issue of report.

-----END OF REPORT-----

Reviewed By: **Prayita**  
 Water Testing Laboratory  
 Motipur, Mandi (H.P.)

Authorized Signatory  
**Prayita**  
 Water Testing Laboratory  
 Motipur, Mandi (H.P.)

**Himachal Pradesh Jal Shakti Vibhag**  
**Water Testing Laboratory, Motipur, Mandi (H.P.)**

Lab Ref. No. MDP/784

GR No. 1606183

Name and Address of Sender: *Sr. Assistant Engineer IIT Mandi (H.P.)*  
 Division: *Mandi* Sub-Division: *-*  
 Section: *-* Name of District: *Mandi*  
 Name of Block: *Sadar* Name of Panchyat: *Kamand*  
 Name of Village: *Kamand* Name of Habitation(s): *IIT Kamand Mandi*  
 Name of Scheme and Location of Source: *Sr. Assistant Engineer IIT Mandi (H.P.) Tap at near Girls Hostel B-3*  
 Type of Source: Scheme source / Delivery Point / Stand Post / Surface Water / Private / Public.  
 Date and time of collection: *23/12/2025* Date & Time of Receipt at Laboratory: *23/12/2025 11:10 AM*  
 Date & time of Commencing: *23/12/2025*  
 Type of Sample: Raw Water / Borewell / Filtered Water / Chlorinated Water / Distributed System / Hand Pump

limits: Based upon BIS : 10500-2012

**(A) PHYSICAL PARAMETER**

S.No.	Test Parameter	Units	Acceptable Limit	Permissible limits [in the absence of alternate source]	Result
1.	Temperature	°C	-	-	<i>22.2°C</i>

**(B) MICROBIOLOGICAL PARAMETER**

2.	Total Coliforms	Number/100ml	Nil	Nil	<i>Nil</i>
3.	E. coli / Thermo tolerant coli-forms	Number/100ml	Nil	Nil	<i>Nil</i>

**NOTE:** Indicate discrete sampling. Water qualities monitoring to be continued only if these are traced in drinking water sources.

Remarks: *On the basis of the sample received in the laboratory, this sample is fit for drinking consumption.*

*(Signature)*  
**Microbiologist**  
 Jal Shakti Vibhag  
 Water Testing Lab, Mandi (H.P.)  
 Motipur, Mandi (H.P.)

*(Signature)*  
**Junior Engineer**  
 Jal Shakti Vibhag  
 Sub-Division-Mandi(H.P.)

*(Signature)*  
**Assistant Engineer**  
 Jal Shakti Vibhag  
 Sub-Division-Mandi(H.P.)  
 Mandi (H.P.)