

(Formerly known as Eco Laboratories & Consultants Pvt. Ltd.)



## **TEST REPORT**





Type of Sample: W	ater (Drinking Water)	Date of Reporting:	EL130722NW002 19/07/2022
Customer	Shoolini University Solan-Oachghat-Kumarhatti Highway, Bajhol, Distt. Solan (Himachal Pradesh)	Work Order No. & Date	LETTER ORDER DT:08/07/202
		Customer reference No. (If any)	NA
Sampling Protocol	IS:17614 (P-1) 2021	Mode of Collection of Sample	Sampling by laboratory
Date of Sampling	13/07/2022	Date of Receipt of Sample	13/07/2022
Sampling Location	After 3M Filter Arya Bhatt Boys Hostel (Mess)	Testing Location	Permanent Facility
Testing Protocol	IS 10500:2012 (IInd Revision)	Period of Analysis	13/07/2022 To 19/07/2022
Sample Description	Clear, Colourless Liquid.	- Street or , maryons	10/07/2022 10 15/07/2022

## **RESULTS**

#### I -Chemical Testing

1. Water (Drinking Water)

S.No.	Test Parameter	Unit	Result	Acceptable limit	Permissible limit in absence of alternate source	Test Method
1	Colour.	Colour Units	BDL(DL5)	5	15	IS:3025 (Part-4) CI 2.0
2	Odour	-	Agreeable	Agreeable	Agreeable	IS: 3025 (Part-5)
3	pH @ 25°C	-	6.86	6.5-8.5	No relaxation	IS:3025 (Part-11)
4	Taste	-	Agreeable	Agreeable	Agreeable	IS: 3025 (Part-8)
5	Turbidity	NTU	BDL(DL0.1)	1	5	IS: 3025 (Part-10)
6	Total Dissolved Solids	mg/l	163	500	2000	IS: 3025 (Part-16)
7	Calcium as Ca	mg/l	13	75	200	IS :3025 (Part-40)
8	Chloride as Cl	mg/l	8.9	250	1000	IS:3025 (Part-32)
9	Fluoride as F	mg/l	-0.33	1.0	1.5	IS:3025 (Part-60)
10	Iron as Fe	mg/l	BDL(DL0.1)	1.0	No relaxation	IS: 3025 (Part-53)
11	Magnesium as Mg	mg/l	8.7	30	100	IS: 3025 (Part-46)
12	Nitrate as NO3	mg/l	. 5.7	45	No relaxation	APHA-23rd Ed-4500 B UV Screening Method
13	Sulphate as SO4.	mg/l	16	200	400	IS:3025 (Part-24) Cl 4.0- Turbidity Method
14	Total alkalinity as CaCO3.	mg/l	84	200	600	IS: 3025 (Part-23)
15	Total hardness as CaCO3	mg/l	68	200	600	IS:3025(P-21)

Dr.Ajay Kumar Authorized Signatory-Biological

Umesh Kumar Authorized Signatory-Chemical

Format No. F/7.8.2-W-01-18.06.20 Rev 05

**ECO BHAWAN** 

Page No. 1/2







Phase VIII-B (sector-74) Mohali (Pb.







TC747722000005673F

Test Report No.:

EL130722NW002

Type of Sample: Water (Drinking Water)

Date of Reporting: 19/07/2022

**II -Biological Testing** 

1. Water (Drinking Water)

S.No.	Test Parameter	Unit	Result	Acceptable limit	Permissible limit in absence of alternate source	Test Method
1	Total coliform	CFU/100ml	Absent	Absent	-	IS:15185
2	E.coli.	CFU/100ml	Absent	Absent	-	IS:15185

Remarks:

NA

OTHER INFORMATION

Abbreviation:

ULR: Unique Lab Report, BDL: Below Detection Level,  $\,$  NA: Not Applicable

Terms & Conditions:

Please refer terms and conditions on backside of Test Report (Page-1)

\*\*End of Report\*\*

Dr.Ajay Kumar Authorized Signatory-Biological Description of the control of the co

Authorized Signatory-Chemical



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## **TEST REPORT**





ULR No. : TO	C747722000005674F	Test Report No. :	EL130722NW003
Type of Sample: W	ater (Drinking Water)	Date of Reporting:	19/07/2022
Customer	Shoolini University Solan-Oachghat-Kumarhatti Highway, Bajhol, Distt. Solan (Himachal Pradesh)	Work Order No. & Date	LETTER ORDER DT:08/07/2022
		Customer reference No. (If any)	NA
Sampling Protocol	IS:17614 (P-1) 2021	Mode of Collection of Sample	Sampling by laboratory
Date of Sampling	13/07/2022	Date of Receipt of Sample	13/07/2022
Sampling Location	After 3M Filter Centre Mess	Testing Location	Permanent Facility
Testing Protocol	IS 10500:2012 (IInd Revision)	Period of Analysis	13/07/2022 To 19/07/2022
Sample Description	Clear, Colourless Liquid.		
Packing, Markings, S	eal & Qty. 2 litre Plastic & 250ml Glass Bottle Market	d 'S/13/02'	

## **RESULTS**

#### I -Chemical Testing

### 1. Water (Drinking Water)

S.No.	Test Parameter	Unit	Result	Acceptable limit	Permissible limit in absence of alternate source	Test Method
1	Colour.	Colour Units	BDL(DL5)	5	15	IS:3025 (Part-4) Cl 2.0
2	Odour		Agreeable	Agreeable	Agreeable	IS: 3025 (Part-5)
3	pH @ 25°C		7.02	6.5-8.5	No relaxation	IS:3025 (Part-11)
4	Taste	-	Agreeable	Agreeable	Agreeable	IS: 3025 (Part-8)
5	Turbidity	NTU	BDL(DL0.1)	1	5	IS: 3025 (Part-10)
6	Total Dissolved Solids	mg/l	160	500	2000	IS: 3025 (Part-16)
7	Calcium as Ca	mg/l	14	75	200	IS :3025 (Part-40)
8	Chloride as Cl	mg/l	6.9	250	1000	IS:3025 (Part-32)
9	Fluoride as F	mg/l	0.30	1.0	1.5	IS:3025 (Part-60)
10	Iron as Fe	mg/l	BDL(DL0.1)	1.0	No relaxation	IS: 3025 (Part-53)
11	Magnesium as Mg	mg/l	7.8	30	100	IS: 3025 (Part-46)
12	Nitrate as NO3	mg/l	5.4	45	No relaxation	APHA-23rd Ed-4500 B UV Screening Method
13	Sulphate as SO4.	mg/l	15	200		IS:3025 (Part-24) Cl 4.0- Turbidity Method
14	Total alkalinity as CaCO3.	mg/l	80	200	600	IS: 3025 (Part-23)
15	Total hardness as CaCO3	mg/l	· 66	200	600	IS:3025(P-21)

Dr. Ajay Kumar Authorized Signatory-Biological

Umesh Kumar Authorized Signatory-Chemical

Format No. F/7.8.2-W-01-18.06.20 Rev 05

**ECO BHAWAN** 

Page No. 1/2









Phase VIII-B







TC747722000005674F

Type of Sample: Water (Drinking Water)

Test Report No.:

EL130722NW003

Date of Reporting:

19/07/2022

**II -Biological Testing** 

1. Water (Drinking Water)

S.No.	Test Parameter	Unit	Result	Acceptable limit	Permissible limit in absence of alternate source	Test Method
1	Total coliform	CFU/100ml	Absent	Absent	-	IS:15185
2 Pemar	E.coli.	CFU/100ml	Absent	Absent	_	IS:15185

Remarks:

NA

OTHER INFORMATION

Abbreviation:

ULR: Unique Lab Report, BDL: Below Detection Level, NA: Not Applicable

**Terms & Conditions:** 

Please refer terms and conditions on backside of Test Report (Page-1)

\*\*End of Report\*\*

Dr.Ajay Kumar **Authorized Signatory-Biological**  Mohali (Pb.)

Umesh Kumar Authorized Signatory-Chemical



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## **TEST REPORT**





	C747722000005675F	Test Report No. :	EL130722NW004
Type of Sample: W	/ater (Drinking Water)	Date of Reporting:	19/07/2022
Customer	Shoolini University Solan-Oachghat-Kumarhatti Highway, Bajhol, Distt. Solan (Himachal Pradesh)	Work Order No. & Date	LETTER ORDER DT:08/07/2022
11		Customer reference No. (If any)	NA
Sampling Protocol	IS:17614 (P-1) 2021	Mode of Collection of Sample	Sampling by laboratory
Date of Sampling	13/07/2022	Date of Receipt of Sample	13/07/2022
Sampling Location	After 3M Filter Library	Testing Location	Permanent Facility
Testing Protocol	IS 10500:2012 (IInd Revision)	Period of Analysis	13/07/2022 To 19/07/2022
Sample Description	Clear, Colourless Liquid.		20,00,000

## **RESULTS**

#### I -Chemical Testing

#### 1. Water (Drinking Water)

S.No.	Test Parameter	Unit	Result	Acceptable limit	Permissible limit in absence of alternate source	Test Method
1	Colour.	Colour Units	BDL(DL5)	5	15	IS:3025 (Part-4) CI 2.0
2	Odour	-	Agreeable	Agreeable	Agreeable	IS: 3025 (Part-5)
3	pH @ 25°C	-	7.09	6.5-8.5	No relaxation	IS:3025 (Part-11)
4	Taste	-	Agreeable	Agreeable	Agreeable	IS: 3025 (Part-8)
5	Turbidity	NTU	BDL(DL0.1)	1	5	IS: 3025 (Part-10)
6	Total Dissolved Solids	mg/l	188	500	2000	IS: 3025 (Part-16)
7	Calcium as Ca	mg/l	. 17	75	200	IS :3025 (Part-40)
8	Chloride as Cl	mg/l	12	250	1000	IS:3025 (Part-32)
9	Fluoride as F	mg/l	0.44	1.0	1.5	IS:3025 (Part-60)
10	Iron as Fe	mg/l	BDL(DLO.1)	1.0	No relaxation	IS: 3025 (Part-53)
11	Magnesium as Mg	mg/l	7.8	30	100	IS: 3025 (Part-46)
12	Nitrate as NO3	mg/l	6.2	45	No relaxation	APHA-23rd Ed-4500 B UV Screening Method
13	Sulphate as SO4.	mg/l	20	200	400	IS:3025 (Part-24) Cl 4.0- Turbidity Method
14	Total alkalinity as CaCO3.	mg/l	• 92	200	600	IS: 3025 (Part-23)
15	Total hardness as CaCO3	mg/l	74	200	600	IS:3025(P-21)

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Umesh Kumar Authorized Signatory-Chemical

Format No. F/7.8.2-W-01-18.06.20 Rev 05











TC747722000005675F

Test Report No.:

EL130722NW004

Type of Sample: Water (Drinking Water)

Date of Reporting: 19/07/2022

**II-Biological Testing** 

1. Water (Drinking Water)

S.No.	Test Parameter	Unit	Result	Acceptable limit	Permissible limit in absence of alternate source	Test Method
1	Total coliform	CFU/100ml	Absent	Absent	-	IS:15185
2	E.coli.	CFU/100ml	Absent	Absent	-	IS:15185

Remarks:

NA

OTHER INFORMATION

Abbreviation:

ULR: Unique Lab Report, BDL: Below Detection Level, NA: Not Applicable

**Terms & Conditions:** 

Please refer terms and conditions on backside of Test Report (Page-1)

\*\*End of Report\*\*

Dr.Ajay Kumar Authorized Signatory-Biological Contatories & Co

Authorized Signatory-Chemical



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## **TEST REPORT**





	C747722000005676F	Test Report No. :	EL130722NW005
Type of Sample : W	/ater (Drinking Water)	Date of Reporting:	19/07/2022
Customer	Shoolini University Solan-Oachghat-Kumarhatti Highway, Bajhol, Distt. Solan (Himachal Pradesh)	Work Order No. & Date	LETTER ORDER DT:08/07/2022
		Customer reference No. (If any)	NA
Sampling Protocol	IS:17614 (P-1) 2021	Mode of Collection of Sample	Sampling by laboratory
Date of Sampling	13/07/2022	Date of Receipt of Sample	13/07/2022
Sampling Location	After 3M Filter Girls Hostel Block-C (Mess)	Testing Location	Permanent Facility
Testing Protocol	IS 10500:2012 (IInd Revision).	Period of Analysis	13/07/2022 To 19/07/2022
Sample Description	Clear, Colourless Liquid.		
	Clear, Colourless Liquid.  Geal & Qty. 2 litre Plastic & 250ml Glass Bottle Market	d 'S/13/04'	

## **RESULTS**

#### I -Chemical Testing

### 1. Water (Drinking Water)

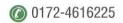
S.No.	Test Parameter	Unit	Result	Acceptable limit	Permissible limit in absence of alternate source	Test Method
1	Colour.	Colour Units	BDL(DL5)	5	15	IS:3025 (Part-4) CI 2.0
2	Odour	-	Agreeable	Agreeable	Agreeable	IS: 3025 (Part-5)
3	pH @ 25°C	-	6.85	6.5-8.5	No relaxation	IS:3025 (Part-11)
4	Taste		Agreeable	Agreeable	Agreeable	IS: 3025 (Part-8)
5	Turbidity	NTU	BDL(DL0.1)	1	5	IS: 3025 (Part-10)
6	Total Dissolved Solids	mg/l	155	500	2000	IS: 3025 (Part-16)
7	Calcium as Ca	mg/l	12	75	200	IS:3025 (Part-40)
8	Chloride as Cl	mg/l	. 6.0	250	1000	IS:3025 (Part-32)
9	Fluoride as F	mg/l	0.25	1.0	1.5	IS:3025 (Part-60)
10	Iron as Fe	mg/l	BDL(DL0.1)	1.0	No relaxation	IS: 3025 (Part-53)
11	Magnesium as Mg	mg/l	8.7	30	100	IS: 3025 (Part-46)
12	Nitrate as NO3	mg/l	4.9	45	No relaxation	APHA-23rd Ed-4500 B UV Screening Method
13	Sulphate as SO4	mg/l	9.1	200		APHA-23rd Ed- 4500E-Turbidity Method
14	Total alkalinity as CaCO3	mg/l	82	200	100-000	APHA-23rd Ed2320 B Titration Method
15	Total hardness as CaCO3	mg/l	66	200	600	IS:3025(P-21)

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Umesh Kumar Authorized Signatory-Chemical

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**ECO BHAWAN** 















TC747722000005676F

Test Report No. : Date of Reporting : EL130722NW005

19/07/2022

Type of Sample: Water (Drinking Water)

**II -Biological Testing** 

1. Water (Drinking Water)

1100.00	trater (Drimming tracer)					
S.No.	Test Parameter	Unit	Result	Acceptable limit	Permissible limit in absence of alternate source	Test Method
1	Total coliform	CFU/100ml	Absent	Absent	-	IS:15185
2	E.coli.	CFU/100ml	Absent	Absent	-	IS:15185

Remarks:

NA

OTHER INFORMATION

Abbreviation:

ULR: Unique Lab Report, BDL: Below Detection Level, NA: Not Applicable

**Terms & Conditions:** 

Please refer terms and conditions on backside of Test Report (Page-1)

\*\*End of Report\*\*

Dr.Ajay Kumar Authorized Signatory-Biological E-207
Phase VIII-B
(sector-74)
Mohali (Pb.)
160071
033 \* PNT

Umesh Kumar.
Authorized Signatory-Chemical



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## **TEST REPORT**





	:747722000009349F ater (Drinking Water)	Test Report No.: EL211122NW004  Date of Reporting: 26/11/2022				
Customer	Shoolini University Solan-Oachghat-Kumarhatti Highway, Bajhol, Distt. Solan (Himachal Pradesh)	Work Order No. & Date	EPL/L/4620 DT:18.11.2022			
		Customer reference No. (If any)	NA			
Sampling Protocol	IS:17614 (P-1) 2021	Mode of Collection of Sample	Sampling by laboratory			
Date of Sampling	21/11/2022	Date of Receipt of Sample	21/11/2022			
Sampling Location	After RO (Chelet Hotel Kitchen)	Testing Location	Permanent Facility			
Testing Protocol	IS 10500:2012 (lind Revision)	Period of Analysis	21/11/2022 To 26/11/2022			
Sample Description	Clear, colourless liquid.		F 10 F 3			

### **RESULTS**

#### I -Chemical Testing

#### 1. Water (Drinking Water)

S.No.	Test Parameter	Unit	Result	Acceptable limit	Permissible limit in absence of alternate source	Test Method
_1	Colour.	Colour Units	BDL(DL5)	5	15	IS:3025 (Part-4) Cl 2.0
_ 2	Odour	-	Agreeable	Agreeable	Agreeable	IS: 3025 (Part-5)
3	pH @ 25°C		7.75	6.5-8.5	No relaxation	IS:3025 (Part-11)
4	Taste	-	Agreeable	Agreeable	Agreeable	IS: 3025 (Part-8)
5	Turbidity	NTU	BDL(DL0.1)	1	5	IS: 3025 (Part-10)
6	Total Dissolved Solids	mg/l	138	500	2000	IS: 3025 (Part-16)
7	Calcium as Ca	mg/l	27	75	200	IS :3025 (Part-40)
8	Chloride as Cl	mg/l	15	250	1000	IS:3025 (Part-32)
9	Fluoride as F	mg/l	0.31	1.0	1.5	IS:3025 (Part-60)
10	Iron as Fe.	mg/l	0.15	1.0	No relaxation	APHA-23rd Ed -3500Fe-B Phenanthroline Method
11	Magnesium as Mg	mg/l	3.9	30	100	IS: 3025 (Part-46)
12	Nitrate as NO3	mg/l	2.1	45	No relaxation	APHA-23rd Ed-4500 B UV Screening Method
13	Sulphate as SO4.	mg/l	13	200	400	IS:3025 (Part-24) Cl 4.0- Turbidity Method
14	Total alkalinity as CaCO3.	mg/l	58	200	600	IS: 3025 (Part-23)
15	Total hardness as CaCO3	mg/l	84	200	600	IS:3025(P-21)

Dr. Ajay Kumar Authorized Signatory-Chemical & Biological

Format No. F/7.8.2-W-01-18,06.20 Rev 05









TC747722000009349F

Type of Sample: Water (Drinking Water)

Test Report No. :

EL211122NW004

Date of Reporting: 26/11/2022

II -Biological Testing

1. Water (Drinking Water)

S.No.	Test Parameter	Unit	Result	Acceptable limit	Permissible limit in absence of alternate source	Test Method
1	Total coliform	CFU/100ml	Absent	Absent		IS:15185
2	E.coli.	CFU/100ml	Absent	Absent		IS:15185

Remarks:

NA

OTHER INFORMATION

Terms & Conditions:

Abbreviation:

ULR: Unique Lab Report, BDL: Below Detection Level, NA: Not Applicable Please refer terms and conditions on backside of Test Report (Page-1)

\*\*End of Report\*\*

Dr. Ajay Kumar

Authorized Signatory-Chemical & Biological

Format No. F/7.8.2-W-01-18.06.20 Rev 05



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## **TEST REPORT**





•	2747722000009350F Fater (Drinking Water)	Test Report No.: EL211122NW005  Date of Reporting: 26/11/2022		
Customer	Shoolini University Solan-Oachghat-Kumarhatti Highway, Bajhol, Distt. Solan (Himachal Pradesh)	Work Order No. & Date	EPL/L/4620 DT:18.11.2022	
		Customer reference No. (If any)	NA	
Sampling Protocol	IS:17614 (P-1) 2021	Mode of Collection of Sample	Sampling by laboratory	
Date of Sampling	21/11/2022	Date of Receipt of Sample	21/11/2022	
Sampling Location	After RO (Library)	Testing Location	Permanent Facility	
Testing Protocol	IS 10500:2012 (IInd Revision)	Period of Analysis	21/11/2022 To 26/11/2022	
Sample Description	Clear, colourless liquid.		381 - 71 - 1	

## **RESULTS**

#### I -Chemical Testing

1. Water (Drinking Water)

5.No.	Test Parameter	Unit	Result	Acceptable limit	Permissible limit in absence of alternate source	Test Method
1	Colour.	Colour Units	BDL(DL5)	5	15	IS:3025 (Part-4) Cl 2.0
2	Odour	-	Agreeable	Agreeable	Agreeable	IS: 3025 (Part-5)
3	pH @ 25°C	-	7.18	6.5-8.5	No relaxation	IS:3025 (Part-11)
4	Taste	-	Agreeable	Agreeable	Agreeable	IS: 3025 (Part-8)
5	Turbidity	NTU	BDL(DL0.1)	1	5	IS: 3025 (Part-10)
6	Total Dissolved Solids	mg/l	149	500	2000	IS: 3025 (Part-16)
7_	Calcium as Ca	mg/l	24	75	200	IS :3025 (Part-40)
8	Chloride as Cl	mg/l	18	250	1000	IS:3025 (Part-32)
9	Fluoride as F	mg/l	0.33	1.0	1.5	IS:3025 (Part-60)
10	Iron as Fe.	mg/l	0.14	1.0	No relaxation	APHA-23rd Ed -3500Fe-8 Phenanthroline Method
11	Magnesium as Mg	mg/l	6.3	30	100	IS: 3025 (Part-46)
12	Nitrate as NO3	mg/l	2.9	45	No relaxation	APHA-23rd Ed-4500 B UV Screening Method
13	Sulphate as SO4.	mg/l	15	200	400	IS:3025 (Part-24) Cl 4.0- Turbidity Method
14	Total alkalinity as CaCO3.	mg/l	60	200	600	IS: 3025 (Part-23)
15	Total hardness as CaCO3	mg/l	86	200	600	IS:3025(P-21)

Dr. Ajay Kumar

Authorized Signatory-Chemical & Biological

Format No. F/7.8.2-W-01-18.06.20 Rev 05









TC747722000009350F

Type of Sample: Water (Drinking Water)

Test Report No.:

EL211122NW005

Date of Reporting: 26/11/2022

II -Biological Testing

1. Water (Drinking Water)

S.No.	Test Parameter	Unit	Result	Acceptable limit	Permissible limit in absence of alternate source	Test Method
1	Total coliform	CFU/100ml	Absent	Absent		IS:15185
2	E.coli.	CFU/100ml	Absent	Absent		IS:15185

Remarks:

NA

OTHER INFORMATION

Terms & Conditions:

Abbreviation:

ULR: Unique Lab Report, BDL: Below Detection Level, NA: Not Applicable Please refer terms and conditions on backside of Test Report (Page-1)

\*\*End of Report\*\*

Dr. Ajay Kumar

October 160071

Dr. Ajay Kumar

October 160071

Authorized Signatory-Chemical & Biological



(Formerly known as Eco Laboratories & Consultants Pvt. Ltd.)

## **TEST REPORT**





	747722000009351F ater (Drinking Water)	Test Report No.: EL211122NW006  Date of Reporting: 26/11/2022		
Customer	Shoolini University Solan-Oachghat-Kumarhatti Highway, Bajhol, Distt. Solan (Himachal Pradesh)	Work Order No. & Date	EPL/L/4620 DT:18.11.2022	
		Customer reference No. (If any)	NA	
Sampling Protocol	IS:17614 (P-1) 2021	Mode of Collection of Sample	Sampling by laboratory	
Date of Sampling	21/11/2022	Date of Receipt of Sample	21/11/2022	
Sampling Location	After RO (Centre Mess)	Testing Location	Permanent Facility 21/11/2022 To 26/11/2022	
Testing Protocol	IS 10500:2012 (IInd Revision)	Period of Analysis		
Sample Description	Clear, colourless liquid.			

## **RESULTS**

#### I-Chemical Testing

### 1. Water (Drinking Water)

S.No.	Test Parameter	Unit	Result	Acceptable limit	Permissible limit in absence of alternate source	Test Method
1	Colour.	Colour Units	BDL(DL5)	5	15	IS:3025 (Part-4) Cl 2.0
2	Odour	-	Agreeable	Agreeable	Agreeable	IS: 3025 (Part-5)
3	рН @ 25°C	-	7.35	6.5-8.5	No relaxation	IS:3025 (Part-11)
4	Taste	-	Agreeable	Agreeable	Agreeable	IS: 3025 (Part-8)
5	Turbidity	NTU	BDL(DL0.1)	1	5	IS: 3025 (Part-10)
6	Total Dissolved Solids	mg/l	155	500	2000	IS: 3025 (Part-16)
7	Calcium as Ca	mg/l	28	75	200	IS :3025 (Part-40)
8	Chloride as Cl	mg/l	14	250	1000	IS:3025 (Part-32)
9	Fluoride as F	mg/l	0.24	1.0	1.5	IS:3025 (Part-60)
10	Iron as Fe.	mg/l	0.19	1.0	No relaxation	APHA-23rd Ed -3500Fe-B Phenanthroline Method
11	Magnesium as Mg	mg/l	5.3	30	100	IS: 3025 (Part-46)
12	Nitrate as NO3	mg/i	2.1	45	No relaxation	APHA-23rd Ed-4500 B UV Screening Method
13	Sulphate as SO4.	mg/l	14	200	400	IS:3025 (Part-24) Cl 4.0- Turbidity Method
14	Total alkalinity as CaCO3.	mg/l	64	200	600	IS: 3025 (Part-23)
15	Total hardness as CaCO3	mg/l	92	200	600	I5:3025(P-21)

Dr. Ajay Kumar Authorized Signatory-Chemical & Blological

Format No. F/7.8.2-W-01-18.06.20 Rev 05

ECO BHAWAN E-207, Industrial Area, Phase VIII-B (Sector-74), Mohali (Punjab) 160071





TC747722000009351F

Type of Sample: Water (Drinking Water)

Test Report No.:

EL211122NW006

Date of Reporting: 26/11/2022

II -Biological Testing

1. Water (Drinking Water)

S.No.	Test Parameter	Unit	Result	Acceptable limit	Permissible limit in absence of alternate source	Test Method
1	Total coliform	CFU/100ml	Absent	Absent		IS:15185
2	E.coli.	CFU/100ml	Absent	Absent		IS:15185

Remarks:

NA

OTHER INFORMATION

Abbreviation:

ULR: Unique Lab Report, BDL: Below Detection Level, NA: Not Applicable

Terms & Conditions:

Please refer terms and conditions on backside of Test Report (Page-1)

\*\*End of Report\*\*

Dr. Ajay Kumar

**Authorized Signatory-Chemical & Biological** 



(Formerly known as Eco Laboratories & Consultants Pvt. Ltd.)

## **TEST REPORT**





ULR No. : To	C747723000002421F	Test Report No.:	EL280323NW002
Type of Sample: W	/ater (Drinking Water)	Date of Reporting:	01/04/2023
Customer	Shoolini University Solan-Oachghat-Kumarhatti Highway, Bajhol, Distt. Solan (Himachal Pradesh)	Work Order No. & Date	EPL/L/5491 DT:14.03.2023
		Customer reference No. (If any)	
Sampling Protocol	IS:17614 (P-1) 2021	Mode of Collection of Sample	Sampling by laboratory
Date of Sampling	28/03/2023	Date of Receipt of Sample	28/03/2023
Sampling Location	After RO (Block-A)	Testing Location	Permanent Facility
Testing Protocol	IS 10500:2012 (IInd Revision)	Period of Analysis	28/03/2023 To 01/04/2023
Sample Description	Clear, colourless liquid		
Packing, Markings, S	Seal & Qty. 2 litre Plastic & 500ml Glass Bottle Marke	ed 'R/28/11'	

## **RESULTS**

#### I -Chemical Testing

### 1. Water (Drinking Water)

S.No.	Test Parameter	Unit	Result	Acceptable limit	Permissible limit in absence of alternate source	Test Method
1	Colour.	Colour Units	BDL(DL5)	5	15	IS:3025 (Part-4) CI 2.0
2	Odour	-	Agreeable	Agreeable	Agreeable	IS: 3025 (Part-5)
3	pH @ 25°C	-	7.42	6.5-8.5	No relaxation	IS:3025 (Part-11)
4	Taste	-	Agreeable	Agreeable	Agreeable	IS: 3025 (Part-8)
5	Turbidity	NTU	BDL(DL 0.1)	1	5	IS: 3025 (Part-10)
6	Total Dissolved Solids	mg/l	159	500	2000	IS: 3025 (Part-16)
7	Calcium as Ca	mg/l	28.4	75	200	IS:3025 (Part-40)
8	Chloride as Cl	mg/l	14	250	1000	IS:3025 (Part-32)
9	Fluoride as F	mg/l	0.37	1.0	1.5	IS:3025 (Part-60)
10	Iron as Fe.	mg/l	0.16	1.0	No relaxation	APHA-23rd Ed -3500Fe-B Phenanthroline
						Method
11	Magnesium as Mg	mg/l	4.7	30	100	IS: 3025 (Part-46)
12	Nitrate as NO3	mg/l	3.4	45	No relaxation	APHA-23rd Ed-4500 B UV Screening Method
13	Sulphate as SO4.	mg/l	15.6	200	400	IS:3025 (Part-24) Cl 4.0- Turbidity Method
14	Total alkalinity as CaCO3.	mg/l	63.4	200	600	IS: 3025 (Part-23)
15	Total hardness as CaCO3	mg/l	90.4	200	600	IS:3025(P-21)

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TC747723000002421F

Type of Sample: Water (Drinking Water)

Test Report No.:

EL280323NW002

Date of Reporting: 01/04/2023

**II -Biological Testing** 

1. Water (Drinking Water)

S.No.	Test Parameter	Unit	Result	Acceptable limit	Permissible limit in absence of alternate source	Test Method
1	Total coliform	CFU/100ml	Absent	Absent	-	IS:15185
2	E.coli.	CFU/100ml	Absent	Absent	y <del>-</del>	IS:15185

Remarks:

NA

OTHER INFORMATION

Terms & Conditions:

Abbreviation:

ULR: Unique Lab Report, BDL: Below Detection Level, NA: Not Applicable Please refer terms and conditions on backside of Test Report (Page-1)

\*\*End of Report\*\*

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## **TEST REPORT**





ULR No. : TO	C747723000002422F	Test Report No.:	EL280323NW003
Type of Sample: W	ater (Drinking Water)	Date of Reporting:	01/04/2023
Customer	Shoolini University Solan-Oachghat-Kumarhatti Highway, Bajhol, Distt. Solan (Himachal Pradesh)	Work Order No. & Date	EPL/L/5491 DT:14.03.2023
	, , , , , , , , , , , , , , , , , , ,	Customer reference No. (If any)	NA
Sampling Protocol	IS:17614 (P-1) 2021	Mode of Collection of Sample	Sampling by laboratory
Date of Sampling	28/03/2023	Date of Receipt of Sample	28/03/2023
Sampling Location	After RO (Block-G)	Testing Location	Permanent Facility
Testing Protocol	IS 10500:2012 (IInd Revision)	Period of Analysis	28/03/2023 To 01/04/2023
Sample Description	Clear, colourless liquid		

## **RESULTS**

#### I -Chemical Testing

### 1. Water (Drinking Water)

S.No.	Test Parameter	Unit	Result	Acceptable limit	Permissible limit in absence of alternate source	Test Method
1	Colour.	Colour Units	BDL(DL5)	5	15	IS:3025 (Part-4) CI 2.0
2	Odour		Agreeable	Agreeable	Agreeable	IS: 3025 (Part-5)
3	pH @ 25°C	2	7.12	6.5-8.5	No relaxation	IS:3025 (Part-11)
4	Taste		Agreeable	Agreeable	Agreeable	IS: 3025 (Part-8)
5	Turbidity	NTU	BDL(DL 0.1)	1	5	IS: 3025 (Part-10)
6	Total Dissolved Solids	mg/l	158	500	2000	IS: 3025 (Part-16)
7	Calcium as Ca	mg/l	29.2	75	200	IS :3025 (Part-40)
8	Chloride as Cl	mg/l	14.2	250	1000	IS:3025 (Part-32)
9	Fluoride as F	mg/l	0.33	1.0	1.5	IS:3025 (Part-60)
10	Iron as Fe.	mg/l	0.14	1.0	No relaxation	APHA-23rd Ed-3500Fe-B Phenanthroline
						Method
11	Magnesium as Mg	mg/l	5.1	30	100	IS: 3025 (Part-46)
12	Nitrate as NO3	mg/l	3.3	45	No relaxation	APHA-23rd Ed-4500 B UV Screening Method
13	Sulphate as SO4.	mg/l	16	200	400	IS:3025 (Part-24) Cl 4.0- Turbidity Method
14	Total alkalinity as CaCO3.	mg/l	59	200	600	IS: 3025 (Part-23)
15	Total hardness as CaCO3	mg/l	94	200	600	IS:3025(P-21)

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Format No. F/7.8.2-W-01-18.06.20 Rev 05













TC747723000002422F

Type of Sample: Water (Drinking Water)

Test Report No.:

EL280323NW003

Date of Reporting: 01/04/2023

**II** -Biological Testing

1. Water (Drinking Water)

S.No.	Test Parameter	Unit	Result	Acceptable limit	Permissible limit in absence of alternate source	Test Method
1	Total coliform	CFU/100ml	Absent	Absent	-	IS:15185
2	E.coli.	CFU/100ml	Absent	Absent	-	IS:15185

Remarks:

NA

OTHER INFORMATION

Abbreviation:

ULR: Unique Lab Report, BDL: Below Detection Level, NA: Not Applicable

**Terms & Conditions:** 

Please refer terms and conditions on backside of Test Report (Page-1)

\*\*End of Report\*\*



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## **TEST REPORT**





ULR No. : TO	747723000002423F	Test Report No.:	EL280323NW004
Type of Sample: W	ater (Drinking Water)	Date of Reporting:	01/04/2023
Customer	Shoolini University Solan-Oachghat-Kumarhatti Highway, Bajhol, Distt. Solan (Himachal Pradesh)	Work Order No. & Date	EPL/L/5491 DT:14.03.2023
		Customer reference No. (If any)	NA
Sampling Protocol	IS:17614 (P-1) 2021	Mode of Collection of Sample	Sampling by laboratory
Date of Sampling	28/03/2023	Date of Receipt of Sample	28/03/2023
Sampling Location	After RO (Nescafe)	Testing Location	Permanent Facility
Testing Protocol	IS 10500:2012 (IInd Revision)	Period of Analysis	28/03/2023 To 01/04/2023
Sample Description	Clear, colourless liquid		

### **RESULTS**

#### I -Chemical Testing

1. Water (Drinking Water)

S.No.	Test Parameter	Unit	Result	Acceptable limit	Permissible limit in absence of alternate source	Test Method
1	Colour.	Colour Units	BDL(DL 5)	5	15	IS:3025 (Part-4) CI 2.0
2	Odour	25	Agrreable	Agreeable	Agreeable	IS: 3025 (Part-5)
3	pH @ 25°C	-	7.51	6.5-8.5	No relaxation	IS:3025 (Part-11)
4	Taste	-	Agreeable	Ag <mark>reeable</mark>	Agreeable	IS: 3025 (Part-8)
5	Turbidity	NTU	BDL(DL0.1)	1	5	IS: 3025 (Part-10)
6	Total Dissolved Solids	mg/l	184	500	2000	IS: 3025 (Part-16) ~
7	Calcium as Ca	mg/l	30	75	200	IS :3025 (Part-40)
8	Chloride as Cl	mg/l	21	250	1000	IS:3025 (Part-32)
9	Fluoride as F	mg/l	0.45	1.0	1.5	IS:3025 (Part-60)
10	Iron as Fe.	mg/l	0.18	1.0	No relaxation	APHA-23rd Ed -3500Fe-B Phenanthroline Method
11	Magnesium as Mg	mg/l	, 5.6	30	100	IS: 3025 (Part-46)
12	Nitrate as NO3	mg/l	3.8	45	No relaxation	APHA-23rd Ed-4500 B UV Screening Method
13	Sulphate as SO4.	mg/l	16	200	400	IS:3025 (Part-24) Cl 4.0- Turbidity Method
14	Total alkalinity as CaCO3.	mg/l	68	200	600	IS: 3025 (Part-23)
15	Total hardness as CaCO3	mg/l	98	200	600	IS:3025(P-21)

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Format No. F/7.8.2-W-01-18.06.20 Rev 05

ECO BHAWAN E-207, Industrial Area, Phase VIII-B (Sector-74), Mohali (Punjab) 160071









TC747723000002423F

Test Report No.:

EL280323NW004

Type of Sample: Water (Drinking Water)

Date of Reporting: 01/04/2023

**II** -Biological Testing

1. Water (Drinking Water)

S.No.	Test Parameter	Unit	Result	Acceptable limit	Permissible limit in absence of alternate source	Test Method
1	Total coliform	CFU/100ml	Absent	Absent	-	IS:15185
2	E.coli.	CFU/100ml	Absent	Absent	-	IS:15185

Remarks:

NA

OTHER INFORMATION

Abbreviation:

ULR: Unique Lab Report, BDL: Below Detection Level, NA: Not Applicable

Terms & Conditions:

Please refer terms and conditions on backside of Test Report (Page-1)

\*\*End of Report\*\*



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## **TEST REPORT**



The same of the sa	IA Vater (Drinking Water)	Test Report No. :	NWAL110823NA023
Type of Sample.	vater (Drinking water)	Date of Reporting :	18/08/2023
Customer	Shoolini University Solan-Oachghat-Kumarhatti Highway, Bajhol, Distt. Solan (Himachal Pradesh)	Work Order No. & Date	LETTER ORDER DT:08.08.2023
£		Customer reference No. (If any)	NA
Sampling Protocol	IS:17614 (P-1) 2021	Mode of Collection of Sample	Sampling by laboratory
Date of Sampling	11/08/2023	Date of Receipt of Sample	11/08/2023
Sampling Location	After RO (Girls Hostel Block-C Mess)	Testing Location	Permanent Facility
Testing Protocol	IS 10500:2012 (IInd Revision)	Period of Analysis	11/08/2023 To 18/08/2023
Sample Description	Clear, colourless liquid.		
Packing, Markings, S	eal & Qty. 2 litre Plastic & 500ml Glass Bottle Marked	H/11/01	

### **RESULTS**

#### I -Chemical Testing

1. Water (Drinking Water)

S.No.	Test Parameter	Unit	Result	Acceptable limit	Permissible limit in absence of alternate source	Test Method
1	Colour.	Colour Units	BDL	5	15	IS:3025 (Part-4) Cl 2.0 [DL- 5 Colour Units]
2	Odour	-	Agreeable	Agreeable	Agreeable	IS: 3025 (Part-5)
3 ·	pH @ 25°C	-	7.14	6.5-8.5	No relaxation	IS:3025 (Part-11) [DL-2]
4	Taste		Agreeable	Agreeable	Agreeable	IS: 3025 (Part-8)
5	Turbidity	NTU	BDL	1	5	IS: 3025 (Part-10) [DL- 0.1 NTU]
6 ·	Total Dissolved Solids	mg/l	337	500	2000	IS: 3025 (Part-16) [DL- 5 mg/l]
7	Calcium as Ca	mg/l	58	75	200	IS :3025 (Part-40) [DL- 1 mg/l]
8	Chloride as Cl	mg/l	12	250	1000	IS:3025 (Part-32) [DL- 1 mg/l]
9	Fluoride as F	mg/l	0.38	1.0	1.5	IS:3025 (Part-60) [DL- 0.1 mg/l]
10	Iron as Fe.	mg/l	0.18	1.0		APHA-23rd Ed -3500Fe-B Phenanthroline Method [DL- 0.05 mg/l]
11	Magnesium as Mg	mg/l	24	30	100	IS: 3025 (Part-46) [DL- 1 mg/l]
	Nitrate as NO3	mg/l	7.1	45		APHA-23rd Ed-4500 B UV Screening Method [DL- 1 mg/l]
13	Sulphate as SO4.	mg/l	34	200	400	IS:3025 (Part-24) Cl 4.0- Turbidity Method [DL- 1 mg/l]
	Total alkalinity as CaCO3.	mg/l	130	200	A CONTRACTOR OF THE PARTY OF TH	IS: 3025 (Part-23) [DL- 1 mg/l]
	Total hardness as CaCO3	mg/l	245	200	600	IS:3025(P-21) [DL- 2 mg/l]

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Format No. F/7.8.2-W-01-18.06.20 Rev 05

**ECO BHAWAN** 







NA

Test Report No.:

NWAL110823NA023

Type of Sample: Water (Drinking Water)

Date of Reporting: 18/08/2023

**II** -Biological Testing

1. Water (Drinking Water)

S.No.	Test Parameter	Unit	Result	Acceptable limit	Permissible limit in absence of alternate source	Test Method
1	Total coliform	CFU/100ml	Absent	Absent	-	IS:15185
2	E.coli	CFU/100ml	Absent	Absent	-	IS:15185

Remarks:

NA

OTHER INFORMATION

Abbreviation:

ULR: Unique Lab Report, BDL: Below Detection Level, NA: Not Applicable

Terms & Conditions:

Please refer terms and conditions on backside of Test Report (Page-1)

\*\*End of Report\*\*

Dr. Ajay Kumar

Authorized Signatory-Chemical & Biological



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## **TEST REPORT**



ULR No. : N Type of Sample : W	A /ater (Drinking Water)	Test Report No. : Date of Reporting :	NWAL110823NA024 18/08/2023
Customer	Shoolini University Solan-Oachghat-Kumarhatti Highway, Bajhol, Distt. Solan (Himachal Pradesh)	Work Order No. & Date LETTER ORDER DT:	
		Customer reference No. (If any)	NA
Sampling Protocol	IS:17614 (P-1) 2021	Mode of Collection of Sample	Sampling by laboratory
Date of Sampling	11/08/2023	Date of Receipt of Sample	11/08/2023
Sampling Location	After RO (Center Mess)	Testing Location	Permanent Facility
Testing Protocol	IS 10500:2012 (IInd Revision)	Period of Analysis	11/08/2023 To 18/08/2023
Sample Description	Clear, colourless liquid.		
Packing, Markings, S	eal & Qty. 2 litre Plastic & 500ml Glass Bottle Market	d H/11/02	

### **RESULTS**

#### I -Chemical Testing

1. Water (Drinking Water)

S.No.	Test Parameter	Unit	Result	Acceptable limit	Permissible limit in absence of alternate source	Test Method
1	Colour.	Colour Units	BDL	5	15	IS:3025 (Part-4) Cl 2.0 [DL- 5 Colour Units]
2	Odour	_	Agreeable	Agreeable	Agreeable	IS: 3025 (Part-5)
3	pH @ 25°C	-	7.52	6.5-8.5	No relaxation	IS:3025 (Part-11) [DL-2]
4 .	Taste	-	Agreeable	Agreeable	Agreeable	IS: 3025 (Part-8)
5	Turbidity	NTU	BDL	1	5	IS: 3025 (Part-10) [DL- 0.1 NTU]
6	Total Dissolved Solids	mg/l	342	500	2000	IS: 3025 (Part-16) [DL- 5 mg/l]
7	Calcium as Ca	mg/l	66	75	200	IS :3025 (Part-40) [DL- 1 mg/l]
8	Chloride as Cl	mg/l	20	250	1000	IS:3025 (Part-32) [DL- 1 mg/l]
9	Fluoride as F	mg/l	0.45	1.0	1.5	IS:3025 (Part-60) [DL- 0.1 mg/l]
10	Iron as Fe.	mg/l	0.18	1.0		APHA-23rd Ed -3500Fe-B Phenanthroline Method [DL- 0.05 mg/l]
11	Magnesium as Mg	mg/l	22	30	100	IS: 3025 (Part-46) [DL- 1 mg/l]
12	Nitrate as NO3	mg/l	6.9	45	No relaxation	APHA-23rd Ed-4500 B UV Screening Method [DL- 1 mg/l]
13	Sulphate as SO4.	mg/l	33	200	400	IS:3025 (Part-24) Cl 4.0- Turbidity Method [DL- 1 mg/l]
- 1	Total alkalinity as CaCO3.	mg/l	135	200		IS: 3025 (Part-23) [DL- 1 mg/l]
1000000000	Total hardness as CaCO3	mg/l	255	200	600	IS:3025(P-21) [DL- 2 mg/l]

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**ECO BHAWAN** 

Page No. 1/2



E-207, Industrial Area, Phase VIII-B (Sector-74), Mohali (Punjab) 160071



NA

Test Report No.:

NWAL110823NA024

Type of Sample: Water (Drinking Water)

Date of Reporting:

18/08/2023

II -Biological Testing

1. Water (Drinking Water)

S.No.	Test Parameter	Unit	Result	Acceptable limit	Permissible limit in absence of alternate source	Test Method
1	Total coliform	CFU/100ml	Absent	Absent	-	IS:15185
2 ·	E.coli	CFU/100ml	Absent	Absent	-	IS:15185

Remarks:

NA

OTHER INFORMATION

Abbreviation:

ULR: Unique Lab Report, BDL: Below Detection Level, NA: Not Applicable

Terms & Conditions:

Please refer terms and conditions on backside of Test Report (Page-1)

\*\*End of Report\*\*

Dr. Ajay Kumar Authorized Signatory-Chemical & Biological



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## **TEST REPORT**



	IA Vater (Drinking Water)	Test Report No. : Date of Reporting :	NWAL110823NA025 18/08/2023
Customer Shoolini University Solan-Oachghat-Kumarhatti Highway, Bajho Solan (Himachal Pradesh)		Work Order No. & Date	LETTER ORDER DT:08.08.2023
		Customer reference No. (If any)	NA
Sampling Protocol	IS:17614 (P-1) 2021	Mode of Collection of Sample	Sampling by laboratory
Date of Sampling	11/08/2023	Date of Receipt of Sample	11/08/2023
Sampling Location	After RO (New Boys Hostel Block-B)	Testing Location	Permanent Facility
Testing Protocol	IS 10500:2012 (IInd Revision)	Period of Analysis	11/08/2023 To 18/08/2023
Sample Description	Clear, colourless liquid.		
Packing, Markings, S	Geal & Qty. 2 litre Plastic & 500ml Glass Bottle Market	H/11/03	

## **RESULTS**

#### I -Chemical Testing

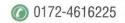
1. Water (Drinking Water)

S.No.	Test Parameter	Unit	Result	Acceptable limit	Permissible limit in absence	Test Method
	100				of alternate	
					source	
1	Colour.	Colour Units	BDL	5	15	IS:3025 (Part-4) Cl 2.0 [DL- 5 Colour Units]
2	Odour	-	Agreeable	Agreeable	Agreeable	IS: 3025 (Part-5)
3	pH @ 25°C	-	7.53	6.5-8.5	No relaxation	IS:3025 (Part-11) [DL-2]
4	Taste	74	Agreeable	Agreeable	Agreeable	IS: 3025 (Part-8)
5	Turbidity	NTU	BDL	1	5	IS: 3025 (Part-10) [DL- 0.1 NTU]
6	Total Dissolved Solids	mg/l	403	500	2000	IS: 3025 (Part-16) [DL- 5 mg/l]
7	Calcium as Ca	mg/l	86	75	200	IS :3025 (Part-40) [DL- 1 mg/l]
8.	Chloride as Cl	mg/l	17	250	1000	IS:3025 (Part-32) [DL- 1 mg/l]
9	Fluoride as F	mg/l	0.41	1.0	1.5	IS:3025 (Part-60) [DL- 0.1 mg/l]
10	Iron as Fe.	mg/l	0.21	1.0	No relaxation	APHA-23rd Ed -3500Fe-B Phenanthroline
						Method [DL- 0.05 mg/l]
11	Magnesium as Mg	mg/l	15	30	100	IS: 3025 (Part-46) [DL- 1 mg/l]
12	Nitrate as NO3	mg/l	7.9	45	No relaxation	APHA-23rd Ed-4500 B UV Screening Method
						[DL- 1 mg/l]
13	Sulphate as SO4.	mg/l	42	200	400	IS:3025 (Part-24) Cl 4.0- Turbidity Method
					No.	[DL- 1 mg/l]
- 1	Total alkalinity as	mg/l	114	200	600	IS: 3025 (Part-23) [DL- 1 mg/l]
	CaCO3.					
	Total hardness as	mg/l	275	200	600	IS:3025(P-21) [DL- 2 mg/l]
	CaCO3					( Face   6 )

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**ECO BHAWAN** 











NA

Type of Sample: Water (Drinking Water)

Test Report No.:

NWAL110823NA025

Date of Reporting:

18/08/2023

II -Biological Testing

1. Water (Drinking Water)

S.No.	Test Parameter	Unit	Result	Acceptable limit	Permissible limit in absence of alternate source	Test Method
1	Total coliform	CFU/100ml	Absent	Absent	-	IS:15185
2	E.coli	CFU/100ml	Absent	Absent		IS:15185

Remarks:

NA

OTHER INFORMATION

Abbreviation:

ULR: Unique Lab Report, BDL: Below Detection Level, NA: Not Applicable

**Terms & Conditions:** 

Please refer terms and conditions on backside of Test Report (Page-1)

\*\*End of Report\*\*

Dr. Ajay Kumar Authorized Signatory-Chemical & Biological

Format No. F/7.8.2-W-01-18.06.20 Rev 05



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## **TEST REPORT**



ULR No. : N	A	Test Report No.:	NWAL110823NA026	
Type of Sample: W	/ater (Drinking Water)	Date of Reporting:	18/08/2023	
Customer	Shoolini University Solan-Oachghat-Kumarhatti Highway, Bajhol, Distt. Solan (Himachal Pradesh)	Work Order No. & Date	LETTER ORDER DT:08.08.2023	
1.		Customer reference No. (If any)	NA	
Sampling Protocol	IS:17614 (P-1) 2021	Mode of Collection of Sample	Sampling by laboratory	
Date of Sampling	11/08/2023	Date of Receipt of Sample	11/08/2023	
Sampling Location	After RO (New Boys Hostel Block-C)	Testing Location	Permanent Facility	
Testing Protocol	IS 10500:2012 (IInd Revision)	Period of Analysis	11/08/2023 To 18/08/2023	
Sample Description	Clear, colourless liquid.			
Packing, Markings, S	eal & Qty. 2 litre Plastic & 500ml Glass Bottle Market	d H/11/04		

### **RESULTS**

#### I -Chemical Testing

1. Water (Drinking Water)

S.No.	Test Parameter	Unit	Result	Acceptable limit	Permissible limit in absence of alternate source	Test Method
1.	Colour.	Colour Units	BDL	5	15	IS:3025 (Part-4) Cl 2.0 [DL- 5 Colour Units]
2	Odour	-	Agreeable	Agreeable	Agreeable	IS: 3025 (Part-5)
3	pH @ 25°C	-	7.58	6.5-8.5	No relaxation	IS:3025 (Part-11) [DL-2]
4	Taste		Agreeable	Agreeable	Agreeable	IS: 3025 (Part-8)
5	Turbidity	NTU	BDL	1	5	IS: 3025 (Part-10) [DL- 0.1 NTU]
6	Total Dissolved Solids	mg/l	367	500	2000	IS: 3025 (Part-16) [DL- 5 mg/I]
7	Calcium as Ca	mg/l	74	75	200	IS :3025 (Part-40) [DL- 1 mg/I]
8	Chloride as Cl	mg/l	15	250	1000	IS:3025 (Part-32) [DL- 1 mg/l]
9	Fluoride as F	mg/l	0.47	1.0	1.5	IS:3025 (Part-60) [DL- 0.1 mg/I]
10	Iron as Fe.	mg/l	0.21	1.0	No relaxation	APHA-23rd Ed -3500Fe-B Phenanthroline Method [DL- 0.05 mg/l]
11	Magnesium as Mg	mg/l	19	30	100	IS: 3025 (Part-46) [DL- 1 mg/l]
12	Nitrate as NO3	mg/l	6.8	45	No relaxation	APHA-23rd Ed-4500 B UV Screening Method [DL- 1 mg/l]
13	Sulphate as SO4.	mg/l	37	200	400	IS:3025 (Part-24) Cl 4.0- Turbidity Method [DL- 1 mg/l]
14	Total alkalinity as CaCO3.	mg/l	130	200	600	IS: 3025 (Part-23) [DL- 1 mg/l]
15	Total hardness as CaCO3	mg/l	265	200	600	IS:3025(P-21) [DL- 2 mg/l]

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Format No. F/7.8.2-W-01-18.06.20 Rev 05

**ECO BHAWAN** 











NA

Test Report No.:

NWAL110823NA026

Type of Sample: Water (Drinking Water)

Date of Reporting: 18/08/2023

II -Biological Testing

1. Water (Drinking Water)

S.No.	Test Parameter	Unit	Result	Acceptable limit	Permissible limit in absence of alternate source	Test Method
1	Total coliform	CFU/100ml	Absent	Absent	-	IS:15185
2	E.coli	CFU/100ml	Absent	Absent	-	IS:15185

Remarks:

NA

OTHER INFORMATION

Abbreviation:

ULR: Unique Lab Report, BDL: Below Detection Level, NA: Not Applicable

Terms & Conditions:

Please refer terms and conditions on backside of Test Report (Page-1)

\*\*End of Report\*\*

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