



# Eco Paryavaran Laboratories & Consultants Pvt. Ltd.

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

## TEST REPORT



ULR No. : TC747723000001297F		Test Report No. : EL200223NW011	
Type of Sample : Water (Drinking Water)		Date of Reporting : 24/02/2023	
Customer	Post Graduate Government College for Girls Sector-42, Chandigarh	Work Order No. & Date	EPL/T/5267 DT:17.02.2023
Sampling Protocol	NA	Customer reference No. (If any)	NA
Date of Sampling	-	Mode of Collection of Sample	Sample Provided by Customer
Sampling Location	NA	Date of Receipt of Sample	20/02/2023
Testing Protocol	IS 10500:2012 (IInd Revision)	Testing Location	Permanent Facility
Sample Description	Clear, colourless liquid.	Period of Analysis	20/02/2023 To 24/02/2023
Packing, Markings, Seal & Qty.	2 litre Plastic Bottle Marked 'G-7, Staff Room'		

## 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(DLS)	5	15	IS:3025 (Part-4) CI 2.0
2	Odour	-	Agreeable	Agreeable	Agreeable	IS: 3025 (Part-5)
3	pH @ 25°C	-	7.06	6.5-8.5	No relaxation	IS:3025 (Part-11)
4	Turbidity	NTU	BDL(DL0.1)	1	5	IS: 3025 (Part-10)
5	Total Dissolved Solids	mg/l	179	500	2000	IS: 3025 (Part-16)
6	Calcium as Ca	mg/l	28	75	200	IS :3025 (Part-40)
7	Chloride as Cl	mg/l	8.1	250	1000	IS:3025 (Part-32)
8	Copper as Cu	mg/l	BDL(DL0.02)	0.05	1.5	IS: 3025 (Part-42)
9	Fluoride as F	mg/l	0.53	1.0	1.5	IS:3025 (Part-60)
10	Iron as Fe.	mg/l	BDL(DL0.1)	1.0	No relaxation	APHA-23rd Ed -3500Fe-B Phenanthroline Method
11	Magnesium as Mg	mg/l	9.2	30	100	IS: 3025 (Part-46)
12	Nitrate as NO3	mg/l	1.7	45	No relaxation	APHA-23rd Ed-4500 B UV Screening Method
13	Sulphate as SO4.	mg/l	57	200	400	IS:3025 (Part-24) CI 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	108	200	600	IS:3025(P-21)
16	Zinc as Zn.	mg/l	0.067	5	15	IS:3025 (Part-49)
17	Cyanide as CN.	mg/l	BDL(DL0.01)	0.05	No relaxation	IS:3025 (Part-27)

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**Terms and Conditions:**

1. The results relate only to the items tested.
2. Giving opinions does not imply endorsement of the tested product by laboratory. Under no circumstances, laboratory accepts any liability caused by use or misuse of Test Report.
3. The Test Report shall not be reproduced except in full or part or used as advertisement or evidence in court of law without written approval of the laboratory. Samples drawn under special circumstances like legal cases, the customer must declare the same at the time of submission.
4. Complaint log book is with Quality Cell. Contact No. (M) 91 8872 04 3135, Phone 91 172 4616 225 Email: [quality@ecoparyavaran.org](mailto:quality@ecoparyavaran.org)
5. The samples tested may be preserved for a period but not exceeding 7 days from date of reporting, unless otherwise specifically desired by the customer or regulatory authorities. However, depending upon the nature of samples and effect of preservation the test results of preserved samples may vary. Laboratory also does not assume any responsibility in the test results of samples kept on hold for want of clarification.
6. All disputes are subjected to jurisdiction of Mohali (Punjab) India and maximum liability of the laboratory does not exceed the testing and sampling charges.
7. In case where sample is provided by the customer, the reported results shall apply to the sample as received.



TC-7477

ULR No. :	TC747723000001297F	Test Report No. :	EL200223NW011			
Type of Sample :	Water (Drinking Water)	Date of Reporting :	24/02/2023			
18	Total chromium as Cr	mg/l	BDL(DL0.05)	0.05	No relaxation	APHA-23rd Ed-3111B A-Ac Flame AAS Method

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 :

\*The result might be affected due to collection of sample in plastic bottle

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



## TEST REPORT

ULR No. : NA		Test Report No. : EL200223NW011/A	
Type of Sample : Water (Drinking Water)		Date of Reporting : 24/02/2023	
Customer	Post Graduate Government College for Girls Sector-42, Chandigarh	Work Order No. & Date	EPL/T/5267 DT:17.02.2023
		Customer reference No. (If any)	NA
Sampling Protocol	NA	Mode of Collection of Sample	Sample Provided by Customer
Date of Sampling	-	Date of Receipt of Sample	20/02/2023
Sampling Location	NA	Testing Location	Permanent Facility
Testing Protocol	IS 10500:2012 (IInd Revision)	Period of Analysis	20/02/2023 To 24/02/2023
Sample Description	Clear, colourless liquid.		
Packing, Markings, Seal & Qty.	2 litre Plastic Bottle Marked 'G-7, Staff Room'		

## 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	Cadmium as Cd.	mg/l	BDL(DL0.001)	0.003	No relaxation	IS: 3025(Part-41) CI 6.0
2	Lead as Pb.	mg/l	BDL(DL0.01)	0.01	No relaxation	IS: 3025 (Part-47) CI 8.0:1994 RA

Remarks : This test report is the part of Test Report No.EL200223NW011.

### OTHER INFORMATION

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Terms & Conditions : Please refer terms and conditions on backside of Test Report (Page-1)

\*\*End of Report\*\*



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TC-7477

## TEST REPORT

ULR No. : TC74772300001298F		Test Report No. : EL200223NW012	
Type of Sample : Water (Drinking Water)		Date of Reporting : 24/02/2023	
Customer	Post Graduate Government College for Girls Sector-42, Chandigarh	Work Order No. & Date	EPL/T/5267 DT:17.02.2023
		Customer reference No. (If any)	NA
Sampling Protocol	NA	Mode of Collection of Sample	Sample Provided by Customer
Date of Sampling	-	Date of Receipt of Sample	20/02/2023
Sampling Location	NA	Testing Location	Permanent Facility
Testing Protocol	IS 10500:2012 (IInd Revision)	Period of Analysis	20/02/2023 To 24/02/2023
Sample Description	Clear, colourless liquid.		
Packing, Markings, Seal & Qty.	2 litre Plastic Bottle Marked 'Hostel-42'		

## 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	-	7.05	6.5-8.5	No relaxation	IS:3025 (Part-11)
4	Turbidity	NTU	BDL(DL0.1)	1	5	IS: 3025 (Part-10)
5	Total Dissolved Solids	mg/l	172	500	2000	IS: 3025 (Part-16)
6	Calcium as Ca	mg/l	27	75	200	IS:3025 (Part-40)
7	Chloride as Cl	mg/l	10	250	1000	IS:3025 (Part-32)
8	Copper as Cu	mg/l	BDL(DL0.02)	0.05	1.5	IS: 3025 (Part-42)
9	Fluoride as F	mg/l	0.61	1.0	1.5	IS:3025 (Part-60)
10	Iron as Fe.	mg/l	BDL(DL0.1)	1.0	No relaxation	APHA-23rd Ed -3500Fe-B Phenanthroline Method
11	Magnesium as Mg	mg/l	9.2	30	100	IS: 3025 (Part-46)
12	Nitrate as NO3	mg/l	0.9	45	No relaxation	APHA-23rd Ed-4500 B UV Screening Method
13	Sulphate as SO4.	mg/l	60	200	400	IS:3025 (Part-24) CI 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	106	200	600	IS:3025(P-21)
16	Zinc as Zn.	mg/l	0.129	5	15	IS:3025 (Part-49)
17	Cyanide as CN.	mg/l	BDL(DL 0.01)	0.05	No relaxation	IS:3025 (Part-27)

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TC-7477

ULR No. : TC747723000001298F

Test Report No. : EL200223NW012

Type of Sample : Water (Drinking Water)

Date of Reporting : 24/02/2023

18	Total chromium as Cr	mg/l	BDL(DL 0.05)	0.05	No relaxation	APHA-23rd Ed-3111B A-Ac Flame AAS Method
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## 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 :

\*The result might be affected due to collection of sample in plastic bottle

## OTHER INFORMATION

## Abbreviation :

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\*\*End of Report\*\*

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## TEST REPORT

<b>ULR No. :</b> NA		<b>Test Report No. :</b> EL200223NW012/A	
<b>Type of Sample :</b> Water (Drinking Water)		<b>Date of Reporting :</b> 24/02/2023	
<b>Customer</b>	Post Graduate Government College for Girls Sector-42, Chandigarh	<b>Work Order No. &amp; Date</b>	EPL/T/5267 DT:17.02.2023
		<b>Customer reference No. (If any)</b>	NA
<b>Sampling Protocol</b>	NA	<b>Mode of Collection of Sample</b>	Sample Provided by Customer
<b>Date of Sampling</b>	-	<b>Date of Receipt of Sample</b>	20/02/2023
<b>Sampling Location</b>	NA	<b>Testing Location</b>	Permanent Facility
<b>Testing Protocol</b>	IS 10500:2012 (IInd Revision)	<b>Period of Analysis</b>	20/02/2023 To 24/02/2023
<b>Sample Description</b>	Clear, colourless liquid.		
<b>Packing, Markings, Seal &amp; Qty.</b>	2 litre Plastic Bottle Marked 'Hostel-42'		

## 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	Cadmium as Cd.	mg/l	BDL(DL 0.001)	0.003	No relaxation	IS: 3025(Part-41) CI 6.0
2	Lead as Pb.	mg/l	BDL(DL 0.01)	0.01	No relaxation	IS: 3025 (Part-47) CI 8.0:1994 RA

Remarks : This test report is the part of Test Report No.EL200223NW012.

### OTHER INFORMATION

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