

## TEST REPORT



TC-7477

ULR No. : TC747721000007182F		Test Report No. : EL221121NW001	
Type of Sample : Water (Drinking Water)		Date of Reporting : 29/11/2021	
Customer	Post Graduate Government College for Girls Sector-42, Chandigarh	Work Order No. & Date	EL/PGGCG/TEL/2408 Dt.: 20/11/2021
		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	22/11/2021
Sampling Location	NA	Testing Location	Permanent Facility
Testing Protocol	IS 10500:2012 (IInd Revision)	Period of Analysis	22/11/2021 To 29/11/2021
Sample Description	Clear colourless liquid.		
Packing, Markings, Seal & Qty.	2 litre Plastic Bottle Marked 'Hostel,Sec-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	APHA-23rd Ed-2120B Visual Comparison (Pt Cobalt) Method
2	Odour	-	Agreeable	Agreeable	Agreeable	IS: 3025 (Part-5)
3	pH @'25°C	-	7.68	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	152	500	2000	IS: 3025 (Part-16)
7	Calcium as Ca	mg/l	36	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	0.18	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	12	30	100	IS: 3025 (Part-46)
12	Nitrate as NO3	mg/l	3.1	45	No relaxation	APHA-23rd Ed-4500 B UV Screening Method
13	Sulphate as SO4.	mg/l	35	200	400	IS:3025 (Part-24) Cl 4.0- Turbidity Method
14	Total alkalinity as CaCO3.	mg/l	136	200	600	IS: 3025 (Part-23)
15	Total hardness as CaCO3 .	mg/l	140	200	600	IS:3025(P-21)

  
Checked by QA

  
Simranjit Kaur  
Authorized Signatory-Biological

  
Tanu Sharma  
Authorized Signatory-Chemical



ULR No. : TC747721000007182F      Test Report No. : EL221121NW001  
Type of Sample : Water (Drinking Water)      Date of Reporting : 29/11/2021

**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

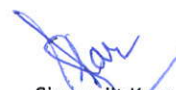
**OTHER INFORMATION**


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\*\***

  
Checked by QA

  
Simranjit Kaur  
Authorized Signatory-Biological

  
Tanu Sharma  
Authorized Signatory-Chemical





## TEST REPORT



TC-7477

<b>ULR No. :</b> TC747721000007183F		<b>Test Report No. :</b> EL221121NW002	
<b>Type of Sample :</b> Water (Drinking Water)		<b>Date of Reporting :</b> 29/11/2021	
<b>Customer</b>	Post Graduate Government College for Girls Sector-42, Chandigarh	<b>Work Order No. &amp; Date</b>	EL/PGGCG/TEL/2408 Dt.: 20/11/2021
		<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>	22/11/2021
<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>	22/11/2021 To 29/11/2021
<b>Sample Description</b>	Clear colourless liquid.		
<b>Packing, Markings, Seal &amp; Qty.</b>	2 litre Plastic Bottle Marked 'Post Graduate Govt.College for Girls,Sec-42, Chandigarh'		

## 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	APHA-23rd Ed-2120B Visual Comparison (Pt Cobalt) Method
2	Odour	-	Agreeable	Agreeable	Agreeable	IS: 3025 (Part-5)
3	pH @ 25°C	-	7.72	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	148	500	2000	IS: 3025 (Part-16)
7	Calcium as Ca	mg/l	37	75	200	IS :3025 (Part-40)
8	Chloride as Cl	mg/l	5	250	1000	IS:3025 (Part-32)
9	Fluoride as F	mg/l	0.16	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	30	100	IS: 3025 (Part-46)
12	Nitrate as NO3	mg/l	3.2	45	No relaxation	APHA-23rd Ed-4500 B UV Screening Method
13	Sulphate as SO4.	mg/l	40	200	400	IS:3025 (Part-24) Cl 4.0- Turbidity Method
14	Total alkalinity as CaCO3.	mg/l	120	200	600	IS: 3025 (Part-23)
15	Total hardness as CaCO3	mg/l	130	200	600	IS:3025(P-21)

Checked by QA

Simranjit Kaur  
Authorized Signatory-Biological

Taru  
Tanu Sharma  
Authorized Signatory-Chemical



ULR No. : TC747721000007183F

Test Report No. : EL221121NW002

Type of Sample : Water (Drinking Water)

Date of Reporting : 29/11/2021

**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\*\*

  
Checked by QA

  
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