

[A Govt. Approved, ISO 9001:2015, 14001 & 45001: 2018 certified & Approved by MOEF, PPCB]

## TEST REPORT

ULR No.	NA	Test Report No.	EL040220GW001
Type of Sample	Drinking Water	Date of Reporting	10/02/2020

Customer	Govt. College of Commerce & Business Administration Sector-50, Chandigarh	Work Order No. & Date	NA
		Customer reference No. (If any)	Memo No. GCCBA-50/2019-20/2475 dated 04/02/2020
Sampling Protocol	NA	Mode of Collection of Sample	Sample provided by Customer
Date of Sampling	NA	Date of Receipt of Sample	04/02/2020
Sampling Location	NA	Packing, Markings, Seal & Quantity	2 Plastic Bottles & 1 Glass Bottle 2 litre + 250ml
Testing Protocol	IS 10500:2012	Period of Analysis	04/02/2020 to 10/02/2020
Sample Description	Clear, colorless liquid		
Testing Location	Permanent Facility		

## TEST RESULTS

### I - Chemical Testing

#### 1. Water (Drinking Water)

S. No.	Test Parameter	Units	Results	Acceptable limit	Permissible limit <sup>1</sup>	Test Method
1.	Total Alkalinity as CaCO <sub>3</sub>	mg/l	100	200	600	APHA-23 <sup>rd</sup> Ed 2017-2320B
2.	Colour	Colour Units	BDL(DL 5)	5	15	APHA-23 <sup>rd</sup> Ed 2017-2120B
3.	Total Hardness as CaCO <sub>3</sub>	mg/l	111	200	600	APHA-23 <sup>rd</sup> Ed 2017-2340C
4.	Odour	-	Agreeable	Agreeable	Agreeable	IS 3025 (Part-5): 1983 RA 2017
5.	Total Dissolved Solids	mg/l	180	500	2000	APHA-23 <sup>rd</sup> Ed 2017- 2540C
6.	Taste	-	Agreeable	Agreeable	Agreeable	IS 3025 (Part-8): 1984 RA 2017
7.	Turbidity	NTU	BDL(DL 0.1)	1	5	APHA-23 <sup>rd</sup> Ed 2017- 2130B
8.	Chloride as Cl	mg/l	9.1	250	1000	APHA-23 <sup>rd</sup> Ed 2017- 4500B
9.	Fluoride as F	mg/l	0.83	1.0	1.5	APHA-23 <sup>rd</sup> Ed 2017-4500D
10.	Nitrate as NO <sub>3</sub>	mg/l	1.1	45	No Relaxation	APHA-23 <sup>rd</sup> Ed 2017-4500B
11.	pH	-	7.19	6.5 - 8.5	No Relaxation	APHA-23 <sup>rd</sup> Ed 2017-4500B
12.	Sulphate as SO <sub>4</sub>	mg/l	31	200	400	APHA-23 <sup>rd</sup> Ed 2017- 4500E
13.	Calcium as Ca	mg/l	31	75	200	APHA-23 <sup>rd</sup> Ed 2017-3500B
14.	Iron as Fe	mg/l	0.12	1.0	No relaxation	APHA-23 <sup>rd</sup> Ed 2017-3500Fe-B
15.	Magnesium as Mg	mg/l	8.2	30	100	APHA-23 <sup>rd</sup> Ed 2017-3500-Mg B

### II - Biological Testing

#### 1. Water (Drinking Water)

S. No.	Test Parameter	Units	Results	Acceptable limit	Permissible limit <sup>1</sup>	Test Method
1	Total coliforms	Cfu/100ml	Absent	Absent	--	IS: 15185:2016
2	E. coli	Cfu/100ml	Absent	Absent	--	IS: 15185:2016

Remarks : Party asked for above tests only

#### OTHER INFORMATION

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

Symbols : <sup>1</sup> Permissible limit in absence of alternate source

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

Dr. Rai Singh  
Authorized Signatory-Chemical