

DISTRICT WATER TESTING LABORATORY, BARNALA

Court Complex Barnala, Near Suvidha Kendra, Old Water Supply Scheme, Barnala
dwtlbarnala@gmail.com

To,

Kendriya Vidyalaya Air force station Barnala
Barnala

No.: DWTL/BAR/2324/00017 Dated : 12/05/2023

Subject : Testing Reports of Water Samples.

Reference: Your Letter/SRF No. 29/kV/BNL/2022-23/666 Dated: 08/05/2023

As per above cited subject and reference, Please find enclosed here with the report of 2 Water sample/s received on dated 08/05/2023. It is request to fill the attached feedback form and send it back to District Water Testing Laboratory, Barnala

D/A : Test Report



**Authorized Signatory
For, District Water Testing Laboratory,
Barnala**

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TEST REPORT

Name & Address of Customer : Kendriya Vidyalyaya Air force station Barnala Barnala	Customer Reference No.	No : 29/kV/BNL/2022-23/666 Dated : 08/05/2023
	Sample Submitted by	Mr. Kulbir singh
	Date of Sample Receipt	08/05/2023
	Analysis Starting Date	08/05/2023
	Analysis completion Date	10/05/2023

Discipline : Chemical Testing		Group: Water	
ULR No.:	TC10998230000054F	Sample Type :	Treated Water
Test Report No.:	DWTL/BAR/2324/00017	Date of Issue :	12/05/2023
Registration no.:	DWTL/BAR/REG2324/00039	Condition of Sample :	Unsealed
Collection Point:	Treatment Plant (RO/CWPP/ARP/HH Purifier)	Quantity/Type of Bottle:	500 ml / Amber Colored Glass Bottle
Scheme/Source:	Not Mentioned(Not Mentioned)	Location/Depth :	KVBNL2013@GMAIL.COM / NA
Village :	Not Mentioned	Habitation :	Not Mentioned
Block:	Barnala	District :	Barnala
Latitude :	Not Mentioned	Longitude:	Not Mentioned

Sr. No	Parameter	Result	As per IS-10500:2012 (2nd Rev.)		Unit	Reference Method :
			Acceptable Limit	Permissible Limit		
1	pH	8.05	6.5-8.5	No Relaxation	--	IS 3025 (Part 11-1993) Electrometric Method
2	Colour	1	5	15	CU	IS 3025(Part 4-2021) Visual Comparison Method
3	Odour	Agreeable	Agreeable	Agreeable	--	IS 3025 (Part 5 – 2018) (Second Revision)
4	Taste	Agreeable	Agreeable	Agreeable	--	IS 3025 (Part 8 – 1984) (RA 2017)
5	TDS	260	500	2000	mg/l	IS 3025 (Part 16-1984) Gravimetric Method
6	Turbidity	0.15	1	5	NTU	IS 3025 (Part 10-1984) Nephelometric Method
7	Alkalinity	124	200	600	mg/l	IS 3025 (Part 23-1986) Indicator Method
8	Hardness	168	200	600	mg/l	IS 3025 (Part 21- 2019) EDTA Method
9	Calcium	14	75	200	mg/l	IS 3025 (Part 40-1991) EDTA Titrimetric Method
10	Magnesium	32	30	100	mg/l	APHA (23rd Ed.2017) Method: 3500-Mg+2 B By Calculation Method

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11	Chloride	30	250	1000	mg/l	IS 3025 (Part 32-1988) Argentometric Method
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This Report is issued under the following terms & Condition :

1. The results apply to the sample as received only.
2. The sample will be destroyed after retention time unless otherwise specified specially.
3. This report is not to be reproduce wholly or in part and can't be used as evidence in court of law.
4. Abbreviation used (TDS = Total Dissolved Solids, mg/l = milligram per liter, BDL = Below detection limit, APHA = American Public Health Association, IS = Indian Standard, NT = Not Tested, NA = Not Applicable NTU = Nephelometric Turbidity Unit, RA = Reaffirmed), ND=Not Detected
5. * Value not available or test not performed for this parameter.
6. Temperature condition limit: $25 \pm 5^\circ\text{C}$ and Humidity condition limit: $50 \pm 20\%$

Dr. Ramesh Jhorar
Quality Manager
Authorized Signatory
For, District Water Testing Laboratory,
Barnala

----- **End of the Test Report** -----

TEST REPORT						
Name & Address of Customer : Kendriya Vidyalaya Air force station Barnala Barnala			Customer Reference No.		No : 29/kV/BNL/2022-23/666 Dated : 08/05/2023	
			Sample Submitted by		Mr. Kulbir singh	
			Date of Sample Receipt		08/05/2023	
			Analysis Starting Date		08/05/2023	
			Analysis completion Date		10/05/2023	
Discipline : Chemical Testing			Group: Water			
ULR No.:	TC10998230000054F		Sample Type :		Water	
Test Report No.:	DWTL/BAR/2324/00017		Date of Issue :		12/05/2023	
Registration no.:	DWTL/BAR/REG2324/00040		Condition of Sample :		Unsealed	
Collection Point:	House Tap Water (FHTC)		Quantity/Type of Bottle:		500 ml / Amber Colored Glass Bottle	
Scheme/Source:	Not Mentioned(Not Mentioned)		Location/Depth :		KVBNL2013@GMAIL.COM / NA	
Village :	Not Mentioned		Habitation :		Not Mentioned	
Block:	Barnala		District :		Barnala	
Latitude :	Not Mentioned		Longitude:		Not Mentioned	
Sr. No	Parameter	Result	As per IS-10500:2012 (2nd Rev.)		Unit	Reference Method :
			Acceptable Limit	Permissible Limit		
1	pH	7.92	6.5-8.5	No Relaxation	--	IS 3025 (Part 11-1993) Electrometric Method
2	Colour	2	5	15	CU	IS 3025(Part 4-2021) Visual Comparison Method
3	Odour	Agreeable	Agreeable	Agreeable	--	IS 3025 (Part 5 – 2018) (Second Revision)
4	Taste	Agreeable	Agreeable	Agreeable	--	IS 3025 (Part 8 – 1984) (RA 2017)
5	TDS	690	500	2000	mg/l	IS 3025 (Part 16-1984) Gravimetric Method
6	Turbidity	0.75	1	5	NTU	IS 3025 (Part 10-1984) Nephelometric Method
7	Alkalinity	332	200	600	mg/l	IS 3025 (Part 23-1986) Indicator Method
8	Hardness	112	200	600	mg/l	IS 3025 (Part 21- 2019) EDTA Method
9	Calcium	34	75	200	mg/l	IS 3025 (Part 40-1991) EDTA Titrimetric Method
10	Magnesium	7	30	100	mg/l	APHA (23rd Ed.2017) Method: 3500-Mg+2 B By Calculation Method
11	Chloride	48	250	1000	mg/l	IS 3025 (Part 32-1988) Argentometric Method

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5. * Value not available or test not performed for this parameter.
6. Temperature condition limit: 25±5°C and Humidity condition limit:50 ±20%



Dr. Ramesh Jhorar
Quality Manager
Authorized Signatory
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Barnala

----- End of the Test Report -----