

## DISTRICT WATER TESTING LABORATORY, BATHINDA

Water Supply & Sanitation Division no. 3 Complex, Head Water works, Bhagu Road Bathinda  
dwtlbathinda@gmail.com

TEST REPORT						
Name & Address of Customer : Principal Bal Mandir Model Sr.Sec.School ,Mandi Killianwali , Distt. Sri Mukatsar Sahib			Customer Reference No.		No : BMS/12/04 Dated : 19/12/2023	
			Sample Submitted by		Sh.Jaswinder Singh	
			Date of Sample Receipt		19/12/2023	
			Analysis Starting Date		19/12/2023	
			Analysis completion Date		21/12/2023	
Discipline : Chemical Testing			Group: Water			
ULR No.:				Sample Type :		Water
Test Report No.:		DWTL/BTI/2324/00318		Date of Issue :		21/12/2023
Registration no.:		DWTL/BTI/REG2324/00984		Condition of Sample :		Unsealed
Collection Point:		NA		Quantity/Type of Bottle:		1000 ml / NA
Scheme/Source:		Not Mentioned(Not Mentioned)		Location/Depth :		Water Sample from Bal Mandir Model Sr.Sec.School / NA
Village :		Killian wali		Habitation :		Killian wali
Block:		Lambi		District :		Muktsar
Latitude :		Not Mentioned		Longitude:		Not Mentioned
No	Parameter	Result	As per IS-10500:2012 (2nd Rev.)		Unit	Reference Method :
			Acceptable Limit	Permissible Limit		
1	pH	7.22	6.5-8.5	No Relaxation	--	IS 3025 (Part 11-2022) 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 – 2023)
5	TDS	124	500	2000	mg/l	IS 3025 (Part 16-2023) Gravimetric Method
6	Turbidity	0.44	1	5	NTU	IS 3025 (Part 10-2023) Nephelometric Method
7	Alkalinity	68	200	600	mg/l	IS 3025 (Part 23-2023) Indicator Method
8	Hardness	76	200	600	mg/l	IS 3025 (Part 21- 2009)(RA 2019) EDTA Method
9	Calcium	17.6	75	200	mg/l	IS 3025 (Part 40-1991) EDTA Titrimetric Method
10	Magnesium	7.8	30	100	mg/l	APHA (24th Ed.2023) Method: 3500-Mg+2 B By Calculation Method

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11	Chloride	27.9	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 beused be 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±5°C and Humidity condition limit:50 ±20%

Reviewed and Approved By

*Ramesh Jhorar*

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

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

*Principal*  
30/12/2023  
**PRINCIPAL**  
Bal Mandir Model Sr. Sec. School  
CBSE Affiliation No. 1630026  
Mandi Killianwali, Distt. Muktsar (Pb.)  
PIN - 151211