

**BLOCK WATER TESTING LABORATORY, KHANNA**  
Water Supply & Sanitation Division, Court Complex, Samadhi Road, Khanna, Dist. Ludhiana

bwtlkhan@gmail.com

**TEST REPORT**

Name & Address of Customer : <b>Nankana Sahib Public Sen.Sec.School Kalal Majra,(Ludhiana)</b>	Customer Reference No.	No : NSPS/KLM/7287 Dated : 13/10/2025	
	Sample Submitted by	Kuldeep Singh	
	Date of Sample Receipt	14/10/2025	
	Analysis Starting Date	14/10/2025	
	Analysis completion Date	15/10/2025	
Discipline : Chemical Testing	Group: Water		
ULR No.:	NABLDWT0049425206F	Sample Type :	Water
Test Report No.:	BWTLKHA/2526/00193	Date of Issue :	16/10/2025
Registration no.:	BWTLKHA/REG2526/00998	Condition of Sample :	Unsealed
Collection Point:	NA RO	Quantity/Type of Bottle:	1000 ml / Transparent Plastic Bottle
Scheme/Source:	Not Mentioned(Not Mentioned)	Location/Depth :	Nankana Sahib Public Sr.Sec School,Kalal Majra / NA
Village :	Kalal Majra	Habitation :	Kalal Majra
Block:	Samrala	District :	Ludhiana
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	6.88	6.5-8.5	No Relaxation	--	IS 3025 (Part 11-2022) Electrometric Method
2	Colour	<5	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	170	500	2000	mg/l	IS 3025 (Part 16-2023) Gravimetric Method
6	Turbidity	BDL	1	5	NTU	IS 3025 (Part 10-2023) Nephelometric Method
7	Total Alkalinity (CaCO3)	76	200	600	mg/l	IS 3025 (Part 23-2023) Indicator Method
8	Total Hardness (CaCO3)	128	200	600	mg/l	IS 3025 (Part 21- 2009)(RA 2023) EDTA Method
9	Calcium(Ca)	38	75	200	mg/l	IS 3025 (Part 40-2024) EDTA Titrimetric Method
10	Magnesium(Mg)	8	30	100	mg/l	APHA (24th Ed.2023) Method: 3500-Mg+2 B By Calculation Method
11	Chloride(Cl)	14	250	1000	mg/l	IS 3025 (Part 32-1988) Argentometric Method

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±5°C and Humidity condition limit:50 ±20%

Reviewed and Approved By

*Vijay Passi*

Vijay Passi  
Chemist/Analyst  
Authorized Signatory  
For,Block Water Testing Laboratory  
Khanna

*[Signature]*  
Principal  
Nankana Sahib Public Sr. Sec. School.  
KALAL MAJRA (Ludhiana)

End of the Test Report

**BLOCK WATER TESTING LABORATORY, KHANNA**  
Water Supply & Sanitation Division, Court Complex, Samadhi Road, Khanna, Dist. Ludhiana

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		Sample Submitted by	Kuldeep Singh
		Date of Sample Receipt	14/10/2025
		Analysis Starting Date	14/10/2025
		Analysis completion Date	15/10/2025
Discipline : <b>Chemical Testing</b>		Group: <b>Water</b>	
ULR No.:	NABLDWT0049425206F	Sample Type :	Water
Test Report No.:	BWTLKHA/2526/00193	Date of Issue :	16/10/2025
Registration no.:	BWTLKHA/REG2526/00999	Condition of Sample :	Unsealed
Collection Point:	Private Submersible	Quantity/Type of Bottle:	1000 ml / Transparent Plastic Bottle
Scheme/Source:	Not Mentioned(Not Mentioned)	Location/Depth :	Nankana Sahib Public Sr.Sec School,Kalal Majra / NA
Village :	Kalal Majra	Habitation :	Kalal Majra
Block:	Samrala	District :	Ludhiana
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	7.20	6.5-8.5	No Relaxation	--	IS 3025 (Part 11-2022) Electrometric Method
2	Colour	<5	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	340	500	2000	mg/l	IS 3025 (Part 16-2023) Gravimetric Method
6	Turbidity	BDL	1	5	NTU	IS 3025 (Part 10-2023) Nephelometric Method
7	Total Alkalinity (CaCO3)	288	200	600	mg/l	IS 3025 (Part 23-2023) Indicator Method
8	Total Hardness (CaCO3)	244	200	600	mg/l	IS 3025 (Part 21- 2009)(RA 2023) EDTA Method
9	Calcium(Ca)	51	75	200	mg/l	IS 3025 (Part 40-2024) EDTA Titrimetric Method
10	Magnesium(Mg)	28	30	100	mg/l	APHA (24th Ed.2023) Method: 3500-Mg+2 B By Calculation Method
11	Chloride(Cl)	22	250	1000	mg/l	IS 3025 (Part 32-1988) Argentometric Method

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

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Chemist/Analyst  
Authorized Signatory  
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*IS/mv*  
Principal  
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KALAL MAJRA (Ludhiana)

End of the Test Report