

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

bwtlkhanna@gmail.com

TEST REPORT		
Name & Address of Customer : Sant Ishar Singh Ji Memorail Public School Karamsar, Rara Sahib	Customer Reference No.	No : SIS/IV/2023/09 Dated : 10/04/2023
	Sample Submitted by	Manjit Singh
	Date of Sample Receipt	10/04/2023
	Analysis Starting Date	11/04/2023
	Analysis completion Date	13/04/2023

Discipline : Chemical Testing		Group: Water	
ULR No.:	NABLDWT0049423019F	Sample Type :	Water
Test Report No.:	BWTLKHA/2324/00001	Date of Issue :	13/04/2023
Registration no.:	BWTLKHA/REG2324/00001	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 :	Submersible 1 / NA
Village :	Not Mentioned	Habitation :	Not Mentioned
Block:	Doraha	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	7.90	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	290	500	2000	mg/l	IS 3025 (Part 16-1984) Gravimetric Method
6	Turbidity	3.8	1	5	NTU	IS 3025 (Part 10-1984) Nephelometric Method
7	Alkalinity	176	200	600	mg/l	IS 3025 (Part 23-1986) Indicator Method
8	Hardness	216	200	600	mg/l	IS 3025 (Part 21- 2019) EDTA Method
9	Calcium	58	75	200	mg/l	IS 3025 (Part 40-1991) EDTA Titrimetric Method
10	Magnesium	17	30	100	mg/l	APHA (23rd Ed.2017) Method: 3500-Mg+2 B By Calculation Method
11	Chloride	28	250	1000	mg/l	IS 3025 (Part 32-1988) Argentometric Method

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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%

Vijay Passi

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

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

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Discipline : Chemical Testing		Group: Water	
ULR No.:	NABLDWT0049423019F	Sample Type :	Water
Test Report No.:	BWTLKHA/2324/00001	Date of Issue :	13/04/2023
Registration no.:	BWTLKHA/REG2324/00002	Condition of Sample :	Unsealed
Collection Point:	Private Submersible	Quantity/Type of Bottle:	2000 ml / Transparent Plastic Bottle
Scheme/Source:	Not Mentioned(Not Mentioned)	Location/Depth :	Submersible 2 / NA
Village :	Not Mentioned	Habitation :	Not Mentioned
Block:	Doraha	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	7.52	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	310	500	2000	mg/l	IS 3025 (Part 16-1984) Gravimetric Method
6	Turbidity	2.4	1	5	NTU	IS 3025 (Part 10-1984) Nephelometric Method
7	Alkalinity	184	200	600	mg/l	IS 3025 (Part 23-1986) Indicator Method
8	Hardness	232	200	600	mg/l	IS 3025 (Part 21- 2019) EDTA Method
9	Calcium	79	75	200	mg/l	IS 3025 (Part 40-1991) EDTA Titrimetric Method
10	Magnesium	9	30	100	mg/l	APHA (23rd Ed.2017) Method: 3500-Mg+2 B By Calculation Method
11	Chloride	22	250	1000	mg/l	IS 3025 (Part 32-1988) Argentometric Method

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Discipline : Chemical Testing		Group: Water	
ULR No.:	NABLDWT0049423019F	Sample Type :	Water
Test Report No.:	BWTLKHA/2324/00001	Date of Issue :	13/04/2023
Registration no.:	BWTLKHA/REG2324/00003	Condition of Sample :	Unsealed
Collection Point:	Private Submersible	Quantity/Type of Bottle:	2000 ml / Transparent Plastic Bottle
Scheme/Source:	Not Mentioned(Not Mentioned)	Location/Depth :	Submersible 3 / NA
Village :	Not Mentioned	Habitation :	Not Mentioned
Block:	Doraha	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	7.48	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	320	500	2000	mg/l	IS 3025 (Part 16-1984) Gravimetric Method
6	Turbidity	1.9	1	5	NTU	IS 3025 (Part 10-1984) Nephelometric Method
7	Alkalinity	200	200	600	mg/l	IS 3025 (Part 23-1986) Indicator Method
8	Hardness	248	200	600	mg/l	IS 3025 (Part 21- 2019) EDTA Method
9	Calcium	71	75	200	mg/l	IS 3025 (Part 40-1991) EDTA Titrimetric Method
10	Magnesium	17	30	100	mg/l	APHA (23rd Ed.2017) Method: 3500-Mg+2 B By Calculation Method
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