

DISTRICT WATER TESTING LABORATORY, FATEHGARH SAHIB

Water Supply & Sanitation Division, Opposite DC Residence, Fatehgarh Sahib

dwtlfgs@gmail.com



TC-12711

TEST REPORT

Name & Address of Customer : Principal Om Parkash Bansal Modern School, Mandi Gobindgarh, Punjab		Customer Reference No.	No : 514 Dated : 15/02/2024			
		Sample Submitted by				
		Date of Sample Receipt	13/03/2024			
		Analysis Starting Date	18/03/2024			
		Analysis completion Date	19/03/2024			
Discipline : Chemical Testing		Group: Water				
ULR No.:	TC127112400000031F	Sample Type :	Water			
Test Report No.:	DWTLFGS/2324/00262	Date of Issue :	20/03/2024			
Registration no.:	DWTLFGS/REG2324/01422	Condition of Sample :	Unsealed			
Collection Point:	Private Submersible	Quantity/Type of Bottle:	500 ml / Amber Colored Glass Bottle			
Scheme/Source:	Not Mentioned(Not Mentioned)	Location/Depth :	NA / NA			
Village :	Not Mentioned	Habitation :	Not Mentioned			
Block:	Not Mentioned	District :	Fatehgarh Sahib			
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	8.12	6.5-8.5	No Relaxation	--	IS 3025 (Part 11-2022) 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 – 2023)
5	TDS	380	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	Alkalinity	252	200	600	mg/l	IS 3025 (Part 23-2023) Indicator Method
8	Hardness	256	200	600	mg/l	IS 3025 (Part 21- 2009)(RA 2019) EDTA Method
9	Calcium	24	75	200	mg/l	IS 3025 (Part 40-1991) EDTA Titrimetric Method
10	Magnesium	48	30	100	mg/l	APHA (24th Ed.2023) Method: 3500-Mg+2 B By Calculation Method
11	Chloride	22	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

Sh. Brij Bhushan
Quality Manager
Authorized Signatory
For, District Water Testing Laboratory
Fatehgarh Sahib

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

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		Sample Submitted by	
		Date of Sample Receipt	13/03/2024
		Analysis Starting Date	18/03/2024
		Analysis completion Date	19/03/2024
Discipline : Chemical Testing		Group: Water	
ULR No.:	TC127112400000031F	Sample Type :	Water
Test Report No.:	DWTLFGS/2324/00262	Date of Issue :	20/03/2024
Registration no.:	DWTLFGS/REG2324/01423	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 :	NA / NA
Village :	Not Mentioned	Habitation :	Not Mentioned
Block:	Not Mentioned	District :	Fatehgarh Sahib
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	7.19	6.5-8.5	No Relaxation	--	IS 3025 (Part 11-2022) 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 – 2023)
5	TDS	90	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	Alkallinity	20	200	600	mg/l	IS 3025 (Part 23-2023) Indicator Method
8	Hardness	16	200	600	mg/l	IS 3025 (Part 21- 2009)(RA 2019) EDTA Method
9	Calcium	3	75	200	mg/l	IS 3025 (Part 40-1991) EDTA Titrimetric Method
10	Magnesium	2	30	100	mg/l	APHA (24th Ed.2023) Method: 3500-Mg+2 B By Calculation Method
11	Chloride	4	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%

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End of the Test Report