

DISTRICT WATER TESTING LABORATORY, BARNALA

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



TC-18824

TEST REPORT

Name & Address of Customer : DM Public School , Thikriwal road , Raisar , Barnala.		Customer Reference No.	No : 11/DMPS/2025 Dated : 16/06/2025
		Sample Submitted by	Sandeep Kaur
		Date of Sample Receipt	16/06/2025
		Analysis Starting Date	16/06/2025
		Analysis completion Date	17/06/2025
Discipline : Chemical Testing		Group: Water	
ULR No.:	TC15524250000074F	Sample Type :	Water
Test Report No.:	DWTL/BAR/2526/00076	Date of Issue :	18/06/2025
Registration no.:	DWTL/BAR/REG2526/00402	Condition of Sample :	Unsealed
Collection Point:	Private Submersible	Quantity/Type of Bottle:	1000 ml / Transparent Glass Bottle
Scheme/Source:	Not Mentioned(Not Mentioned)	Location/Depth :	DM Public School , Thikriwal road , Raisar Patiala , Barnala. (Tubewell water) / NA
Village :	Not Mentioned	Habitation :	Not Mentioned
Block:	Mehal Kalan	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	8.26@25°C	6.5-8.5	No Relaxation	--	IS 3025 (Part 11-2022) Electrometric Method
2	Colour	4	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	698	500	2000	mg/l	IS 3025 (Part 16-2023) Gravimetric Method
6	Turbidity	0.70@25°C	1	5	NTU	IS 3025 (Part 10-2023) Nephelometric Method
7	Alkalinity(CaCO ₃)	426	200	600	mg/l	IS 3025 (Part 23-2023) Indicator Method
8	Hardness(CaCO ₃)	284	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)	46	30	100	mg/l	APHA (24th Ed.2023) Method: 3500-Mg+2 B By Calculation Method
11	Chloride(Cl)	50	250	1000	mg/l	IS 3025 (Part 32-1988) Argentometric Method

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- The results apply to the sample as received only.
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- 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)
- * Value not available or test not performed for this parameter.
- Temperature condition limit: 25±5°C and Humidity condition limit:50 ±20%

Sandeep Kaur
Principal
D.M. Public School
Raisar (Bt.)

Affiliation No 1630843 (CBSE)

Reviewed and Approved By

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

End of the Test Report

DISTRICT WATER TESTING LABORATORY, BARNALA

Court Complex Barnala, Near Suvidha Kendra, Old Water Supply Scheme, Barnala
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TC-15524

TEST REPORT

Name & Address of Customer : DM Public School , Thikriwal.road , Raisar , Barnala.		Customer Reference No.	No : 11/DMPS/2025 Dated : 16/06/2025
		Sample Submitted by	Sandeep Kaur
		Date of Sample Receipt	16/06/2025
		Analysis Starting Date	16/06/2025
		Analysis completion Date	17/06/2025
Discipline : Chemical Testing		Group: Water	
ULR No.:	TC15524250000074F	Sample Type :	Water
Test Report No.:	DWTL/BAR/2526/00076	Date of Issue :	18/06/2025
Registration no.:	DWTL/BAR/REG2526/00401	Condition of Sample :	Unsealed
Collection Point:	Private Submersible	Quantity/Type of Bottle:	1000 ml / Transparent Glass Bottle
Scheme/Source:	Not Mentioned(Not Mentioned)	Location/Depth :	DM Public School , Thikriwal road , Raisar Patiala , Barnala. (Tap Water) / NA
Village :	Not Mentioned	Habitation :	Not Mentioned
Block:	Mehal Kalan	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	8.17@25°C	6.5-8.5	No Relaxation	--	IS 3025 (Part 11-2022) Electrometric Method
2	Colour	4	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	788	500	2000	mg/l	IS 3025 (Part 16-2023) Gravimetric Method
6	Turbidity	0.79@25°C	1	5	NTU	IS 3025 (Part 10-2023) Nephelometric Method
7	Alkalinity(CaCO ₃)	460	200	600	mg/l	IS 3025 (Part 23-2023) Indicator Method
8	Hardness(CaCO ₃)	278	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)	44	30	100	mg/l	APHA (24th Ed.2023) Method: 3500-Mg+2 B By Calculation Method
11	Chloride(Cl)	60	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%

Reviewed and Approved By


Sandeep Kaur
Principal
D.M. Public School
Raisar (Pb.)


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

Affiliation No 1630843 (CBSE New Delhi)
CHD No. 20824

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TEST REPORT

Name & Address of Customer : DM Public School , Thikriwal road , Raisar , Barnala.		Customer Reference No.	No : 11/DMP5/2025 Dated : 16/06/2025
		Sample Submitted by	Sandeep Kaur
		Date of Sample Receipt	16/06/2025
		Analysis Starting Date	16/06/2025
		Analysis completion Date	17/06/2025
Discipline : Chemical Testing		Group: Water	
ULR No.:	TC1552425000074F	Sample Type :	Treated Water
Test Report No.:	DWTL/BAR/2526/00076	Date of Issue :	18/06/2025
Registration no.:	DWTL/BAR/REG2526/00403	Condition of Sample :	Unsealed
Collection Point:	Treatment Plant (RO/CWPP/ARP/HH Purifier)	Quantity/Type of Bottle:	1000 ml / Transparent Glass Bottle
Scheme/Source:	Not Mentioned(Not Mentioned)	Location/Depth :	DM Public School , Thikriwal road , Raisar , Barnala. (RO Water) / NA
Village :	Not Mentioned	Habitation:	Not Mentioned
Block:	Mehal Kalan	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	7.78@25°C	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	163	500	2000	mg/l	IS 3025 (Part 16-2023) Gravimetric Method
6	Turbidity	BDL@25°C	1	5	NTU	IS 3025 (Part 10-2023) Nephelometric Method
7	Alkalinity(CaCO3)	64	200	600	mg/l	IS 3025 (Part 23-2023) Indicator Method
8	Hardness(CaCO3)	50	200	600	mg/l	IS 3025 (Part 21- 2009)(RA 2023) EDTA Method
9	Calcium(Ca)	14	75	200	mg/l	IS 3025 (Part 40-2024) EDTA Titrimetric Method
10	Magnesium(Mg)	3	30	100	mg/l	APHA (24th Ed.2023) Method: 3500-Mg+2 B By Calculation Method
11	Chloride(Cl)	24	250	1000	mg/l	IS 3025 (Part 32-1988) Argentometric Method

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