

TRADE WASTE AND EFFLUENTS RESEARCH UNIT (REGIONAL LAB)

PATIALA

Room No. 301, 2nd Floor, Water Supply & Sanitation Department, Head Office, Nabha Road, Patiala
researchunitpatiala@yahoo.in

TEST REPORT			
Name & Address of Customer : Sri Chaitanya Techno School, Patiala.		Customer Reference No.	No : SPI 1 Dated : 30/04/2026
		Sample Submitted by	
		Date of Sample Receipt	30/04/2026
		Analysis Starting Date	30/04/2026
		Analysis completion Date	05/05/2026
Discipline : Chemical Testing		Group: Water	
ULR No.:		Sample Type :	Water
Test Report No.:	TWERU/2627/00081	Date of Issue :	05/05/2026
Registration no.:	TWERU/REG2627/00324	Condition of Sample :	Unsealed
Collection Point:	Treatment Plant (RO/CWPP/ARP/HH Purifier)	Quantity/Type of Bottle:	2000 ml / Plastic Bottles
Scheme/Source:	Not Mentioned(Not Mentioned)	Location/Depth :	Ro at Sri Chaitanya Techno School, Patiala / NA
Village :	Not Mentioned	Habitation :	Not Mentioned
Block:	Not Mentioned	District :	Patiala
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	Colour	<2	5	15	CU	IS 3025(Part 4-2021) Visual Comparison Method
2	Odour	Agreeable	Agreeable	Agreeable	--	IS 3025 (Part 5 – 2018) (Second Revision)
3	Taste	Agreeable	Agreeable	Agreeable	--	IS 3025 (Part 8 – 2023)

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, T=Total)
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

Brij Bhushan

Sh. Brij Bhushan
Quality Manager
Authorized Signatory
For, Trade Waste and Effluents Research Unit
(Regional Lab) Patiala

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

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Discipline : Chemical Testing		Group: Water	
ULR No.:	TC142422600000152F	Sample Type :	Water
Test Report No.:	TWERU/2627/00081	Date of Issue :	05/05/2026
Registration no.:	TWERU/REG2627/00324	Condition of Sample :	Unsealed
Collection Point:	Treatment Plant (RO/CWPP/ARP/HH Purifier)	Quantity/Type of Bottle:	2000 ml / Plastic Bottles
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Village :	Not Mentioned	Habitation :	Not Mentioned
Block:	Not Mentioned	District :	Patiala
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	6.75	6.5-8.5	No Relaxation	--	IS 3025 (Part 11-2022) Electrometric Method
2	TDS	60	500	2000	mg/l	IS 3025 (Part 16-2023) Gravimetric Method
3	Turbidity	0.85	1	5	NTU	IS 3025 (Part 10-2023) Nephelometric Method
4	T. Alkalinity(CaCO ₃)	20	200	600	mg/l	IS 3025 (Part 23-2023) Indicator Method
5	T. Hardness(CaCO ₃)	28	200	600	mg/l	IS 3025 (Part 21- 2009)(RA 2023) EDTA Method
6	Calcium(Ca)	6	75	200	mg/l	IS 3025 (Part 40-2024) EDTA Titrimetric Method
7	Magnesium(Mg)	3	30	100	mg/l	APHA (24th Ed.2023) Method: 3500-Mg+2 B By Calculation Method
8	Fluoride(F)	0.35	1.0	1.5	mg/l	APHA 24th Ed.2023, Method 4110
9	Chloride(Cl)	9	250	1000	mg/l	APHA 24th Ed.2023, Method 4110
10	Nitrate(NO ₃)	10	45	No Relaxation	mg/l	APHA 24th Ed.2023, Method 4110
11	Sulphate(SO ₄)	6	200	400	mg/l	APHA 24th Ed.2023, Method 4110
12	Iron	BDL(0.2)	1	No Relaxation	mg/l	APHA 3111-B (23rd Ed. 2017) by AAS
13	Manganese	BDL(0.1)	0.1	0.3	mg/l	APHA 3111-B (23rd Ed. 2017) by AAS

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