

**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

To,

SRI GURU HARKRISHAN PUBLIC SCHOOL,
Shanti Nagar, Patiala.

No.: TWERU/2627/00279 Dated : 20/07/2026

Subject : Testing Reports of Water Samples.

Reference: Your Letter/SRF No. 1646 Dated: 16/07/2026

As per above cited subject and reference, Please find enclosed here with the report of 1 Water sample/s received on dated 16/07/2026. It is request to fill the attached feedback form and send it back to Trade Waste and Effluents Research Unit (Regional Lab) Patiala

D/A : Test Report



**Authorized Signatory
For, Trade Waste and Effluents Research Unit
(Regional Lab) Patiala**

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TEST REPORT

Name & Address of Customer : SRI GURU HARKRISHAN PUBLIC SCHOOL, Shanti Nagar, Patiala.		Customer Reference No.	No : 1646 Dated : 16/07/2026
		Sample Submitted by	
		Date of Sample Receipt	16/07/2026
		Analysis Starting Date	16/07/2026
		Analysis completion Date	20/07/2026
Discipline : Chemical Testing		Group: Water	
ULR No.:	TC142422600000283F	Sample Type :	Water
Test Report No.:	TWERU/2627/00279	Date of Issue :	20/07/2026
Registration no.:	TWERU/REG2627/01317	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 GURU HARKRISHAN PUBLIC 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	pH	7.38	6.5-8.5	No Relaxation	--	IS 3025 (Part 11-2022) Electrometric Method
2	TDS	140	500	2000	mg/l	IS 3025 (Part 16-2023) Gravimetric Method
3	Turbidity	0.76	1	5	NTU	IS 3025 (Part 10-2023) Nephelometric Method
4	T. Alkalinity(CaCO ₃)	24	200	600	mg/l	IS 3025 (Part 23-2023) Indicator Method
5	T. Hardness(CaCO ₃)	72	200	600	mg/l	IS 3025 (Part 21- 2009)(RA 2023) EDTA Method
6	Calcium(Ca)	16	75	200	mg/l	IS 3025 (Part 40-2024) EDTA Titrimetric Method
7	Magnesium(Mg)	7	30	100	mg/l	APHA (24th Ed.2023) Method: 3500-Mg+2 B By Calculation Method
8	Fluoride(F)	0.15	1.0	1.5	mg/l	APHA 24th Ed.2023, Method 4110
9	Chloride(Cl)	43	250	1000	mg/l	APHA 24th Ed.2023, Method 4110
10	Nitrate(NO ₃)	2.43	45	No Relaxation	mg/l	APHA 24th Ed.2023, Method 4110
11	Sulphate(SO ₄)	21	200	400	mg/l	APHA 24th Ed.2023, Method 4110
12	Iron	BDL(0.2)	1	No Relaxation	mg/l	APHA 3111-B (24th Ed. 2023) by AAS
13	Manganese	BDL(0.1)	0.1	0.3	mg/l	APHA 3111-B (24th Ed. 2023) by AAS

Continue on next page...

Reviewed and Approved By

Brij Bhushan

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

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14	Zinc	BDL(0.2)	5	15	mg/l	APHA 3111-B (24th Ed. 2023) by AAS
15	Arsenic(As)	BDL(0.005)	0.01	No Relaxation	mg/l	APHA 3114 (24th Ed. 2023) by HVG-AAS
16	Residual Chlorine(RC)	BDL(0.17)	0.2	1	mg/l	IS-3025 (Part-26) by Iodometric 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, T=Total)
5. * Value not available or test not performed for this parameter.
6. Temperature condition limit: $25 \pm 5^{\circ}\text{C}$ and Humidity condition limit: $50 \pm 20\%$

Reviewed and Approved By

Sh. Brij Bhushan
Quality Manager
Authorized Signatory
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(Regional Lab) Patiala

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