

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 : Shri Guru Ram Rai Public School, Falauli near Urban Estate Phase 2, Patiala.			Customer Reference No.		No : 60 Dated : 24/07/2023	
			Sample Submitted by			
			Date of Sample Receipt		27/07/2023	
			Analysis Starting Date		02/08/2023	
			Analysis completion Date		04/08/2023	
Discipline : Chemical Testing			Group: Water			
ULR No.:				Sample Type :		Water
Test Report No.:		TWERU/2324/00273		Date of Issue :		08/08/2023
Registration no.:		TWERU/REG2324/01656		Condition of Sample :		Unsealed
Collection Point:		Private Submersible		Quantity/Type of Bottle:		1000 ml / Plastic Bottles
Scheme/Source:		Not Mentioned(Not Mentioned)		Location/Depth :		Sumersible at Shri Guru Ram Rai Public School, Village- Falauli near Urban Estate Phase 2, Patiala. / NA
Village :		Falouli		Habitation :		Falouli
Block:		Patiala		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	8.15	6.5-8.5	No Relaxation	--	IS 3025 (Part 11-1993) Electrometric Method
2	TDS	1050	500	2000	mg/l	IS 3025 (Part 16-1984) Gravimetric Method
3	Turbidity	0.43	1	5	NTU	IS 3025 (Part 10-1984) Nephelometric Method
4	Alkalinity	248	200	600	mg/l	IS 3025 (Part 23-1986) Indicator Method
5	Hardness	196	200	600	mg/l	IS 3025 (Part 21- 2019) EDTA Method
6	Calcium	35	75	200	mg/l	IS 3025 (Part 40-1991) EDTA Titrimetric Method
7	Magnesium	26	30	100	mg/l	APHA (23rd Ed.2017) Method: 3500-Mg+2 B By Calculation Method
8	Fluoride	1.81	1.0	1.5	mg/l	APHA 23rd Ed.2017, Method 4110
9	Chloride	200	250	1000	mg/l	APHA 23rd Ed.2017, Method 4110
10	Nitrate	4	45	No Relaxation	mg/l	APHA 23rd Ed.2017, Method 4110
11	Sulphate	332	200	400	mg/l	APHA 23rd Ed.2017, Method 4110

Continue on next page...

Bhushan

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

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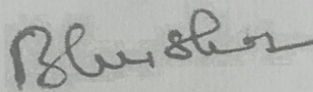
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12	Residual Chlorine	BDL	0.2	1	mg/l	IS-3025 (Part-26) by Iodometric Method
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This Report is issued under the following terms & Condition :

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: $25 \pm 5^{\circ}\text{C}$ and Humidity condition limit: $50 \pm 20\%$



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