

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,

Mata Gujri Sr. Sec. School,
Guthmara , Near Power Grid, Devigarh, Patiala.

No.: TWERU/2324/00311 Dated : 21/08/2023

Subject : Testing Reports of Water Samples.

Reference: Your Letter/SRF No. 788 Dated: 11/08/2023

As per above cited subject and reference, Please find enclosed here with the report of 1 Water sample/s received on dated 11/08/2023. 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 : Mata Gujri Sr. Sec. School, Guthmara , Near Power Grid, Devigarh, Patiala.			Customer Reference No.		No : 788 Dated : 11/08/2023	
			Sample Submitted by			
			Date of Sample Receipt		11/08/2023	
			Analysis Starting Date		18/08/2023	
			Analysis completion Date		18/08/2023	
Discipline : Chemical Testing			Group: Water			
ULR No.:				Sample Type :		Water
Test Report No.:		TWERU/2324/00311		Date of Issue :		21/08/2023
Registration no.:		TWERU/REG2324/01909		Condition of Sample :		Unsealed
Collection Point:		Private Submersible		Quantity/Type of Bottle:		2000 ml / Plastic Bottles
Scheme/Source:		Not Mentioned(Not Mentioned)		Location/Depth :		Sumersible at Mata Gujri Sr. Sec. School, Guthmara, Devigarh , Patiala. / NA
Village :		Guthmora		Habitation :		Guthmora
Block:		Bhuner Heri		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	6.63	6.5-8.5	No Relaxation	--	IS 3025 (Part 11-2022) Electrometric Method
2	TDS	120	500	2000	mg/l	IS 3025 (Part 16-2023) Gravimetric Method
3	Turbidity	0.15	1	5	NTU	IS 3025 (Part 10-2023) Nephelometric Method
4	Alkalinity	72	200	600	mg/l	IS 3025 (Part 23-2023) Indicator Method
5	Hardness	50	200	600	mg/l	IS 3025 (Part 21- 2009)(RA 2019) EDTA Method
6	Calcium	9	75	200	mg/l	IS 3025 (Part 40-1991) EDTA Titrimetric Method
7	Magnesium	7	30	100	mg/l	APHA (24th Ed.2023) Method: 3500-Mg+2 B By Calculation Method
8	Fluoride	0.19	1.0	1.5	mg/l	APHA 24th Ed.2023, Method 4110
9	Chloride	11	250	1000	mg/l	APHA 24th Ed.2023, Method 4110
10	Nitrate	2	45	No Relaxation	mg/l	APHA 24th Ed.2023, Method 4110
11	Sulphate	15	200	400	mg/l	APHA 24th Ed.2023, Method 4110

Continue on next page...

Sh. Brij Bhushan
Quality Manager
Authorized Signatory
For, Trade Waste and Effluents Research Unit
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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: $50\pm 20\%$

Sh. Brij Bhushan
Quality Manager
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----- End of the Test Report -----