

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,

Brainwood global school,
village - bhedpura patiala.

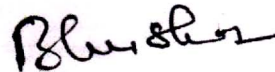
No.: TWERU/2425/00084

Subject : Testing Reports of Water Samples.

Reference: Your Letter/SRF No. 1634 Dated: 20/06/2024

As per above cited subject and reference, Please find enclosed here with the report of 1 Water sample/s received on dated 19/06/2024. 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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TC-10269

TEST REPORT

Name & Address of Customer : Brain Wood Global School Village - Bhedpura Patiala.		Customer Reference No.	No : 1634 Dated : 20/06/2024			
		Sample Submitted by				
		Date of Sample Receipt	19/06/2024			
		Analysis Starting Date	19/06/2024			
		Analysis completion Date	19/06/2024			
Discipline : Chemical Testing		Group: Water				
ULR No.:	TC102692400000134F	Sample Type :	Water			
Test Report No.:	TWERU/2425/00084	Date of Issue :	20/06/2024			
Registration no.:	TWERU/REG2425/00548	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 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	7.32	6.5-8.5	No Relaxation	--	IS 3025 (Part 11-1993) Electrometric Method
2	TDS	90	500	2000	mg/l	IS 3025 (Part 16-1984) Gravimetric Method
3	Turbidity	0.21	1	5	NTU	IS 3025 (Part 10-1984) Nephelometric Method
4	Alkalinity	40	200	600	mg/l	IS 3025 (Part 23-1986) Indicator Method
5	Hardness	28	200	600	mg/l	IS 3025 (Part 21- 2019) EDTA Method
6	Fluoride	0.38	1.0	1.5	mg/l	APHA 23rd Ed.2017, Method 4110
7	Chloride	13	250	1000	mg/l	APHA 23rd Ed.2017, Method 4110
8	Nitrate	4	45	No Relaxation	mg/l	APHA 23rd Ed.2017, Method 4110
9	Sulphate	15	200	400	mg/l	APHA 23rd Ed.2017, Method 4110
10	Calcium	15	75	200	mg/l	ISO 14911 By IC
11	Magnesium	2	30	100	mg/l	ISO 14911 By IC

Continue on next page...

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

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12	Iron	BDL	1	No Relaxation	mg/l	APHA 3111-B (23rd Ed. 2017) by AAS
13	Manganese	BDL	0.1	0.3	mg/l	APHA 3111-B (23rd Ed. 2017) by AAS
14	Zinc	BDL	5	15	mg/l	APHA 3111-B (23rd Ed. 2017) by AAS
15	Arsenic	BDL	0.01	No Relaxation	mg/l	APHA 3114 (23rd Ed. 2017) by HVG-AAS
16	Residual Chlorine	BDL	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
5. * Value not available or test not performed for this parameter.
6. Temperature condition limit: 25±5°C and Humidity condition limit:50 ±20%

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

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