REGIONAL ADVANCE WATER TESTING LABORATORY, PHASE 2- SAS NAGAR

Water Works Complex, Phase- 2 , S.A.S NAGAR , Punjab
rawtlmohali@gmail.com

To,

Principal,
St. Ezra International Sr.Sec. School, Kharar, Mohali.

No.: RAWTL/2526/00160 Dated : 26/05/2025

Subject : Testing Reports of Water Samples.

Reference: Your Letter/SRF No. 08 Dated:

As per above cited subject and reference, Please find enclosed here with the report of 1 Water sample/s received on dated 19/05/2025. It is request to fill the attached feedback form and send it back to Regional Advance Water Testing Laboratory, Phase 2- SAS Nagar

D/A : Test Report

Authorized Signatory
For, Regional Advance Water Testing Laboratory
Phase 2- SAS Nagar

REGIONAL ADVANCE WATER TESTING LABORATORY, PHASE 2- SAS NAGAR

Water Works Complex, Phase- 2 , S.A.S NAGAR , Punjab
rawtlmohali@gmail.com

TC-13027

TEST REPORT

Name & Address of Customer : **Principal,** **St. Ezra International Sr.Sec. School, Kharar, Mohali.**		Customer Reference No.	**No : 08 Dated :**
		Sample Submitted by	**Mr. jobin**
		Date of Sample Receipt	**19/05/2025**
		Analysis Starting Date	**19/05/2025**
		Analysis completion Date	**25/05/2025**
Discipline : **Chemical Testing**		Group: **Water**	
ULR No.:	**TC130272500000454F**	Sample Type :	**Water**
Test Report No.:	**RAWTL/2526/00160**	Date of Issue :	**26/05/2025**
Registration no.:	**RAWTL/REG2526/00843**	Condition of Sample :	**Unsealed**
Collection Point:	**NA**	Quantity/Type of Bottle:	**1000 ml / Transparent Glass Bottle**
Scheme/Source:	**Not Mentioned(Not Mentioned)**	Location/Depth :	**R.O Treated Water, (St. Ezra International Sr.Sec. School, Kharar, Mohali) / NA**
Village :	**Not Mentioned**	Habitation :	**Not Mentioned**
Block:	**Kharar**	District :	**SAS Nagar**
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	8.21	6.5-8.5	No Relaxation	--	IS 3025 (Part 11-2022) Electrometric Method
2	Colour	<5	5	15	CU	IS 3025(Part 4-2021) Visual Comparison Method
3	Odour	Agreeable	Agreeable	Agreeable	--	IS 3025 (Part 5 – 2018) (Second Revision)
4	Taste	NT	Agreeable	Agreeable	--	IS 3025 (Part 8 – 2023)
5	TDS	210	500	2000	mg/l	IS 3025 (Part 16-2023) Gravimetric Method
6	Turbidity	**1.11**	1	5	NTU	IS 3025 (Part 10-2023) Nephelometric Method
7	Alkalinity(CaCO3)	92	200	600	mg/l	IS 3025 (Part 23-2023) Indicator Method
8	Hardness(CaCO3)	108	200	600	mg/l	IS 3025 (Part 21- 2009)(RA 2023) EDTA Method
9	Calcium(Ca)	21	75	200	mg/l	IS 3025 (Part 40-2024) EDTA Titrimetric Method
10	Magnesium(Mg)	14	30	100	mg/l	APHA (24th Ed.2023) Method: 3500-Mg+2 B By Calculation Method
11	Aluminium(Al)	BDL(0.010)	0.03	0.2	mg/l	APHA (24th Ed.2023) Method: 3125 B By ICPMS
12	Lead	BDL(0.005)	0.01	No Relaxation	mg/l	APHA (24th Ed.2023) Method: 3125 B By ICPMS
13	Selenium	BDL(0.005)	0.01	No Relaxation	mg/l	APHA (24th Ed.2023) Method: 3125 B By ICPMS

Continue on next page...

Reviewed and Approved By

Mr. Satyender Singh
Sr. Chemist
Authorized Signatory
For,Regional Advance Water Testing Laboratory
Phase 2- SAS Nagar

REGIONAL ADVANCE WATER TESTING LABORATORY, PHASE 2- SAS NAGAR

Water Works Complex, Phase- 2 , S.A.S NAGAR , Punjab
rawtlmohali@gmail.com

TC-13027

14	Chromium(Cr)	BDL(0.005)	0.05	No Relaxation	mg/l	APHA (24th Ed.2023) Method: 3125 B By ICPMS
15	Mercury	BDL(0.0005)	0.001	No Relaxation	mg/l	APHA (24th Ed.2023) Method: 3125 B By ICPMS
16	Arsenic(As)	BDL(0.005)	0.01	No relaxation	mg/l	APHA (24th Ed.2023) Method: 3125 B By ICPMS
17	Cadmium(Cd)	BDL(0.001)	0.003	No Relaxation	mg/l	APHA (24th Ed.2023) Method: 3125 B By ICPMS
18	Nickel	BDL(0.005)	0.02	No Relaxation	mg/l	APHA (24th Ed.2023) Method: 3125 B By ICPMS
19	Iron(Fe)	BDL(0.005)	1	No Relaxation	mg/l	APHA (24th Ed.2023) Method: 3125 B By ICPMS
20	Copper(Cu)	BDL(0.010)	0.05	1.5	mg/l	APHA (24th Ed.2023) Method: 3125 B By ICPMS
21	Fluoride(F)	0.22	1.0	1.5	mg/l	APHA 24th Ed.2023, Method 4110
22	Chloride(Cl)	29.01	250	1000	mg/l	APHA 24th Ed.2023, Method 4110
23	Nitrate(NO3)	4.81	45	No Relaxation	mg/l	APHA 24th Ed.2023, Method 4110
24	Sulphate(SO4)	12.66	200	400	mg/l	APHA 24th Ed.2023, Method 4110
25	Uranium	BDL(5)	30	No Relaxation	µg/l	APHA (24th Ed.2023) Method: 3125 B By ICPMS

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 beused be 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, lS = 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%

Reviewed and Approved By

Mr. Satyender Singh
Sr. Chemist
Authorized Signatory
For,Regional Advance Water Testing Laboratory
Phase 2- SAS Nagar

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