

**REGIONAL ADVANCE WATER TESTING LABORATORY, PHASE 2- SAS
NAGAR**

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

To,

Principal,
Lawrance Public Sr. Sec. School Sector-51, Mohali.

No.: RAWTL/2324/00357 Dated : 15/03/2024

Subject : Testing Reports of Water Samples.

Reference: Your Letter/SRF No. Dated: 04/03/2024

As per above cited subject and reference, Please find enclosed here with the report of 1 Water sample/s received on dated 05/03/2024. 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**

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TC-13027

TEST REPORT

Name & Address of Customer : Principal, Lawrance Public Sr. Sec. School Sector-51, Mohali.	Customer Reference No.	No : Dated : 04/03/2024
	Sample Submitted by	Mr.Abhinay
	Date of Sample Receipt	05/03/2024
	Analysis Starting Date	06/03/2024
	Analysis completion Date	14/03/2024

Discipline : Chemical Testing		Group: Water	
ULR No.:	TC130272400000003F	Sample Type :	Water
Test Report No.:	RAWTL/2324/00357	Date of Issue :	15/03/2024
Registration no.:	RAWTL/REG2324/04196	Condition of Sample :	Unsealed
Collection Point:	NA	Quantity/Type of Bottle:	500 ml / Amber Colored Glass Bottle
Scheme/Source:	Not Mentioned(Not Mentioned)	Location/Depth :	R.O Treated Water, (Lawrance Public Sr. Sec. School Sector-51, Mohali.) / NA
Village :	Not Mentioned	Habitation :	Not Mentioned
Block:	Not Mentioned	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	7.84	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	254	500	2000	mg/l	IS 3025 (Part 16-2023) Gravimetric Method
6	Turbidity	1.47	1	5	NTU	IS 3025 (Part 10-2023) Nephelometric Method
7	Alkalinity	212	200	600	mg/l	IS 3025 (Part 23-2023) Indicator Method
8	Hardness	176	200	600	mg/l	IS 3025 (Part 21- 2009)(RA 2019) EDTA Method
9	Calcium	29	75	200	mg/l	IS 3025 (Part 40-1991) EDTA Titrimetric Method
10	Magnesium	25	30	100	mg/l	APHA (24th Ed.2023) Method: 3500-Mg+2 B By Calculation Method
11	Aluminium	BDL	0.03	0.2	mg/l	APHA (24th Ed.2023) Method: 3125 B By ICPMS
12	Lead	BDL	0.01	No Relaxation	mg/l	APHA (24th Ed.2023) Method: 3125 B By ICPMS
13	Selenium	BDL	0.01	No Relaxation	mg/l	APHA (24th Ed.2023) Method: 3125 B By ICPMS

Continue on next page...

Reviewed and Approved By

(Signature)

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

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14	Chromium	BDL	0.05	No Relaxation	mg/l	APHA (24th Ed.2023) Method: 3125 B By ICPMS
15	Mercury	BDL	0.001	No Relaxation	mg/l	APHA (24th Ed.2023) Method: 3125 B By ICPMS
16	Arsenic	BDL	0.01	No relaxation	mg/l	APHA (24th Ed.2023) Method: 3125 B By ICPMS
17	Cadmium	BDL	0.003	No Relaxation	mg/l	APHA (24th Ed.2023) Method: 3125 B By ICPMS
18	Nickel	BDL	0.02	No Relaxation	mg/l	APHA (24th Ed.2023) Method: 3125 B By ICPMS
19	Iron	BDL	1	No Relaxation	mg/l	APHA (24th Ed.2023) Method: 3125 B By ICPMS
20	Copper	BDL	0.05	1.5	mg/l	APHA (24th Ed.2023) Method: 3125 B By ICPMS
21	Fluoride	0.62	1.0	1.5	mg/l	APHA 24th Ed.2023, Method 4110
22	Chloride	14.15	250	1000	mg/l	APHA 24th Ed.2023, Method 4110
23	Nitrate	1.35	45	No Relaxation	mg/l	APHA 24th Ed.2023, Method 4110
24	Sulphate	36.25	200	400	mg/l	APHA 24th Ed.2023, Method 4110
25	Uranium	6.27	30	No Relaxation	µg/l	APHA (24th Ed.2023) Method: 3125 B By ICPMS

Note: Detection Limit(Aluminium:0.01, Lead:0.005, Selenium:0.005, Chromium:0.005, Mercury:0.0005, Arsenic:0.005, Cadmium:0.001, Nickel:0.005, Iron:0.005, Copper:0.01,)

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, 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. Tempreture condition limit: 25±5°C and Humidity condition limit:50 ±20%

Reviewed and Approved By

Mr. Satyender Singh
Sr. Chemist
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----- End of the Test Report -----