

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

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

To,

M.S Bains,
R. Rudra International School at Block -E Aerocity, Mohali.

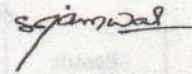
No.: RAWTL/2324/00291 Dated : 05/03/2024

Subject : Testing Reports of Water Samples.

Reference: Your Letter/SRF No. 6 Dated: 27/02/2024

As per above cited subject and reference, Please find enclosed here with the report of 1 Water sample/s received on dated 27/02/2024. 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**

REGIONAL ADVANCE WATER TESTING LABORATORY, PHASE 2- SAS NAGAR

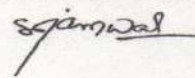
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TEST REPORT

Name & Address of Customer : M.S Bains, R. Rudra International School at Block -E Aerocity, Mohali.		Customer Reference No.		No : 6 Dated : 27/02/2024		
		Sample Submitted by		Mr. M.S Bains		
		Date of Sample Receipt		27/02/2024		
		Analysis Starting Date		29/02/2024		
		Analysis completion Date		02/03/2024		
Discipline : Chemical Testing, Bacteriological Testing				Group: Water		
ULR No.:		Sample Type :		Water		
Test Report No.:		RAWTL/2324/00291		Date of Issue : 05/03/2024		
Registration no.:		RAWTL/REG2324/03779		Condition of Sample : Unsealed		
Collection Point:		Private Submersible		Quantity/Type of Bottle: 625 ml / Transparent Glass Bottle		
Scheme/Source:		Not Mentioned(Not Mentioned)		Location/Depth : Private Submersible, (R Rudra International School Block-E, Aerocity 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	7.03	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	417	500	2000	mg/l	IS 3025 (Part 16-2023) Gravimetric Method
6	Turbidity	8.12	1	5	NTU	IS 3025 (Part 10-2023) Nephelometric Method
7	Alkalinity	353	200	600	mg/l	IS 3025 (Part 23-2023) Indicator Method
8	Hardness	340	200	600	mg/l	IS 3025 (Part 21- 2009)(RA 2019) EDTA Method
9	Calcium	88	75	200	mg/l	IS 3025 (Part 40-1991) EDTA Titrimetric Method
10	Magnesium	29	30	100	mg/l	APHA (24th Ed.2023) Method: 3500-Mg+2 B By Calculation Method
11	Total Coliform	ND	Shall not be detectable in any 100 ml sample	No relaxation	MPN/100 ml.	IS-1622 MPN Method
12	E-Coli	ND	Shall not be detectable in any 100 ml sample	No relaxation	MPN/100 ml.	IS-1622 MPN Method
13	Aluminium	BDL	0.03	0.2	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

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Water Works Complex, Phase- 2 , S.A.S NAGAR , Punjab
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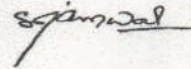
14	Lead	BDL	0.01	No Relaxation	mg/l	APHA (24th Ed.2023) Method: 3125 B By ICPMS
15	Selenium	BDL	0.01	No Relaxation	mg/l	APHA (24th Ed.2023) Method: 3125 B By ICPMS
16	Chromium	BDL	0.05	No Relaxation	mg/l	APHA (24th Ed.2023) Method: 3125 B By ICPMS
17	Mercury	BDL	0.001	No Relaxation	mg/l	APHA (24th Ed.2023) Method: 3125 B By ICPMS
18	Arsenic	BDL	0.01	No relaxation	mg/l	APHA (24th Ed.2023) Method: 3125 B By ICPMS
19	Cadmium	BDL	0.003	No Relaxation	mg/l	APHA (24th Ed.2023) Method: 3125 B By ICPMS
20	Nickel	BDL	0.02	No Relaxation	mg/l	APHA (24th Ed.2023) Method: 3125 B By ICPMS
21	Iron	BDL	1	No Relaxation	mg/l	APHA (24th Ed.2023) Method: 3125 B By ICPMS
22	Copper	BDL	0.05	1.5	mg/l	APHA (24th Ed.2023) Method: 3125 B By ICPMS
23	Fluoride	0.21	1.0	1.5	mg/l	APHA 24th Ed.2023, Method 4110
24	Chloride	48.79	250	1000	mg/l	APHA 24th Ed.2023, Method 4110
25	Nitrate	0.65	45	No Relaxation	mg/l	APHA 24th Ed.2023, Method 4110
26	Sulphate	34.01	200	400	mg/l	APHA 24th Ed.2023, Method 4110
27	Uranium	5.03	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 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%

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 -----