

REGIONAL ADVANCE WATER TESTING LABORATORY, PHASE 2, SAS NAGAR

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

To,

Principal
Delhi Cambridge School Zirakpur, Distt SAS Nagar

No.: RAWTL/2223/00442 Dated : 31/10/2022

Subject : Testing Reports of Water Samples.

Reference: Your Letter/SRF No. Dated: 14/10/2022

As per above cited subject and reference, Please find enclosed here with the report of 1 Water sample/s received on dated 14/10/2022. 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 : Principal Delhi Cambridge School Zirakpur, Distt SAS Nagar			Customer Reference No.		No : Dated : 14/10/2022	
			Sample Submitted by		Mr.Pavitar Singh	
			Date of Sample Receipt		14/10/2022	
			Analysis Starting Date		31/10/2022	
			Analysis completion Date		01/11/2022	
Discipline : Chemical Testing			Group: Water			
Test Report No.:	RAWTL/2223/00442	Date of Issue :	31/10/2022			
Registration no.:	RAWTL/REG2223/04444	Condition of Sample :	Unsealed			
Source :	NA	Quantity/Type of Bottle:	500 ml / Amber Colored Glass Bottle			
Scheme :	NA	Location/Depth :	R.O Treated Water Ground floor, (Delhi Cambridge School S.A.S Nagar) / NA			
Village :	NA	Habitation :	NA			
Block:	NA	District :	SAS Nagar			
Latitude :	NA	Longitude:	NA			
Sample Type: Water						
Sr. No	Parameter	Result	As per IS-10500:2012 (2nd Rev.)		Unit	Reference Method :
			Acceptable Limit	Permissible Limit		
1	pH	8.11	6.5-8.5	No Relaxation	--	IS 3025 (Part 11-1993) Electrometric Method
2	Colour	<5	5	15	Hazen	IS 3025(Part 4-2021) Visual Comparison Method
3	Odour	Agreeable	Agreeable	Disagreeable	--	IS 3025 (Part 5 – 2018) (Second Revision)
4	Taste	NT	Agreeable	Disagreeable	--	IS 3025 (Part 8 – 1984) (RA 2017)
5	TDS	35	500	2000	mg/l	IS 3025 (Part 16-1984) Gravimetric Method
6	Turbidity	0.42	1	5	NTU	IS 3025 (Part 10-1984) Nephelometric Method
7	Alkalinity	8.0	200	600	mg/l	IS 3025 (Part 23-1986) Indicator Method
8	Hardness	24	200	600	mg/l	IS 3025 (Part 21- 2019) EDTA Method
9	Calcium	6.4	75	200	mg/l	IS 3025 (Part 40-1991) EDTA Titrimetric Method
10	Magnesium	1.9	30	100	mg/l	APHA (23rd Ed.2017) Method: 3500-Mg+2 B By Calculation Method

This Report is issued under the following terms & Condition :

1. This report is referring only to the tested sample and for applicable parameter.
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)
5. * Value not available or test not performed for this parameter.



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

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

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	Sample Submitted by	Mr.Pavitar Singh
	Date of Sample Receipt	14/10/2022
	Analysis Starting Date	31/10/2022
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Discipline : Chemical Testing		Group: Water	
Test Report No.:	RAWTL/2223/00442	Date of Issue :	31/10/2022
Registration no.:	RAWTL/REG2223/04444	Condition of Sample :	Unsealed
Source :	NA	Quantity/Type of Bottle:	500 ml / Amber Colored Glass Bottle
Scheme :	NA	Location/Depth :	R.O Treated Water Ground floor, (Delhi Cambridge School S.A.S Nagar) / NA
Village :	NA	Habitation :	NA
Block:	NA	District :	SAS Nagar
Latitude :	NA	Longitude:	NA

Sample Type: **Water**

Sr. No	Parameter	Result	As per IS-10500:2012 (2nd Rev.)		Unit	Reference Method :
			Acceptable Limit	Permissible Limit		
1	Aluminium	0.014	0.03	0.2	mg/l	APHA (23rd Ed.2017) Method: 3125 B By ICPCS
2	Lead	BDL	0.01	No Relaxation	mg/l	APHA (23rd Ed.2017) Method: 3125 B By ICPCS
3	Selenium	BDL	0.01	No Relaxation	mg/l	APHA (23rd Ed.2017) Method: 3125 B By ICPCS
4	Chromium	BDL	0.05	No Relaxation	mg/l	APHA (23rd Ed.2017) Method: 3125 B By ICPCS
5	Mercury	BDL	0.001	No Relaxation	mg/l	APHA (23rd Ed.2017) Method: 3125 B By ICPCS
6	Arsenic	BDL	0.01	No relaxation	mg./Ltr.	APHA (23rd Ed.2017) Method: 3125 B By ICPCS
7	Cadmium	BDL	0.003	No Relaxation	mg/l	APHA (23rd Ed.2017) Method: 3125 B By ICPCS
8	Nickel	BDL	0.02	No Relaxation	mg/l	APHA (23rd Ed.2017) Method: 3125 B By ICPCS
9	Iron	BDL	1	No Relaxation	mg/l	APHA (23rd Ed.2017) Method: 3125 B By ICPCS
10	Copper	BDL	0.05	1.5	mg/l	APHA (23rd Ed.2017) Method: 3125 B By ICPCS
11	Fluoride	BDL	1.0	1.5	mg./Ltr.	APHA 23rd Ed.2017, Method 4110
12	Chloride	2.39	250	1000	mg./Ltr.	APHA 23rd Ed.2017, Method 4110
13	Nitrate	1.31	45	No Relaxation	mg./Ltr.	APHA 23rd Ed.2017, Method 4110
14	Sulphate	3.99	200	400	mg./Ltr.	APHA 23rd Ed.2017, Method 4110
15	Uranium	BDL	30	No Relaxation	µg/l	APHA (23rd Ed.2017) Method: 3125 B By ICPCS

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