

REGIONAL ADVANCE WATER TESTING LABORATORY, PHASE 2- SAS  
NAGAR

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

To,

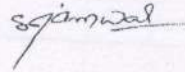
Principal,  
Sarvhitkari Senior Secondary Vidya Mandir,  
Dera Bassi, Distt. S.A.S Nagar.  
No: 2951      Dated : 01/12/2023

Subject :      Testing Reports of Water Samples.


Reference:      Your Letter/SRF No. SVM/57 Dated: 21/11/2023

As per above cited subject and reference, Please find enclosed here with the report of 1  
Water sample/s received on dated 21/11/2023. It is request to fill the attached feedback form and send it  
back to Regional Advance Water Testing Laboratory, Phase 2- SAS Nagar

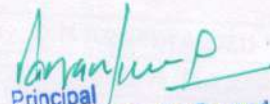
D/A :      Test Report



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



Manager  
Sarvhitkari Sr. Sec. Vidya Mandir  
Dera Bassi (S.A.S Nagar, Mohali)



Principal  
Sarvhitkari Senior Secondary Vidya Mandir  
(Affiliated to C.B.S.E, New Delhi)  
Dera Bassi, (S.A.S. Nagar, Mohali) Pb.



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

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## TEST REPORT

Name & Address of Customer : <b>Principal, Sarvhitkari Senior Secondary Vidya Mandir, Dera Bassi, Distt. S.A.S Nagar.</b>	Customer Reference No.	1161-62 Dated : 21/11/2023
	Sample Submitted by	Mr. Avtar Singh
	Date of Sample Receipt	21/11/2023
	Analysis Starting Date	23/11/2023
	Analysis completion Date	30/11/2023

Discipline : <b>Chemical Testing</b>		Group: <b>Water</b>	
ULR No.:		Sample Type :	<b>Water</b>
Test Report No.:		Date of Issue :	01/12/2023
Registration no.:	<b>RAWTL/REG2324/02131</b>	Condition of Sample :	<b>Unsealed</b>
Collection Point:	<b>Tap Water</b>	Quantity/Type of Bottle:	500ml/ Amber Colored Bottle
Scheme/Source:	<b>Not Mentioned</b>	Location/Depth :	<b>Sarvhitkari Senior Secondary Vidya Mandir, Dera Bassi</b>
Village :	<b>Not Mentioned</b>	Habitation :	<b>Not Mentioned</b>
Block:	<b>DeraBassi</b>	District :	<b>S.A.S Nagar</b>
Latitude :	<b>Not Mentioned</b>	Longitude:	<b>Not Mentioned</b>

Sr. No	Parameter	Result	As per IS-10500:2012 (2nd Rev.)		Unit	Reference Method :
			Acceptable Limit	Permissible Limit		
1	pH	8.09	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	Not Tested	Agreeable	Agreeable	--	IS 3025 (Part 8 - 2023)
5	TDS	295	500	2000	mg/l	IS 3025 (Part 16-2023) Gravimetric Method
6	Turbidity	0.73	1	5	NTU	IS 3025 (Part 10-2023) Nephelometric Method
7	Alkalinity	253	200	600	mg/l	IS 3025 (Part 23-2023) Indicator Method
8	Hardness	128	200	600	mg/l	IS 3025 (Part 21- 2009)(RA 2019) EDTA Method
9	Calcium	32	75	200	mg/l	IS 3025 (Part 40-1991) EDTA Titrimetric Method
10	Magnesium	12	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

Continue on next page...

*Satinder Singh*

Mr. Satyender Singh  
Sr. Chemist  
Authorized Signatory  
For, Regional Advance Water Testing Laboratory

*Bhaskar*  
Manager  
Sarvhitkari Sr. Sec. Vidya Mandir  
Dera Bassi (S.A.S Nagar, Mohali)

*Anamika*  
Principal  
Sarvhitkari Senior Secondary Vidya Mandir  
(Affiliated to C.B.S.E. New Delhi)



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13	Aluminium	BDL	0.03	0.2	mg/l	APHA (24th Ed.2023) Method: 3125 B By ICPMS
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	0.39	1.0	1.5	mg/l	APHA 24th Ed.2023, Method 4110
24	Chloride	5.77	250	1000	mg/l	APHA 24th Ed.2023, Method 4110
25	Nitrate	1.70	45	No Relaxation	mg/l	APHA 24th Ed.2023, Method 4110
26	Sulphate	46.1	200	400	mg/l	APHA 24th Ed.2023, Method 4110
27	Uranium	BDL	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 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%

*Signature*

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

*Signature*  
**Manager  
Sarvhitkari Sr. Sec. Vidya Mandir  
Dera Bassi (S.A.S Nagar, Mohali)**

*Signature*  
**Principal  
Sarvhitkari Senior Secondary Vidya Mandir  
(Affiliated to C.B.S.E, New Delhi)  
Dera Bassi, (S.A.S. Nagar, Mohali) Pb.**