

Sr No.	Registration No	District	Block	Name of Village	Sample Receipt Date	Source	Depth	ALUMINIUM	LEAD	SELENIUM	Chromium	MERCURY	ARSENIC	CADMIUM	NICKEL	IRON	Copper	URANIUM	Fluoride	Chloride	Nitrate	Sulphate	Calcium	Magnesium	
As per IS 10500:2012 (Rev 2): Requirement (Acceptable limit - Permissible limit) mg/L																									
Measurement Uncertainty(+)(mg/l)								0.0015	0.0006	0.0007	0.0009	0.0001	0.0005	0.0002	0.0003	0.0025	0.0008	0.75 µg/l	0.014	0.12	0.07	0.07	0.16	0.076	
Method detection limit (mg/L)								0.010	0.005	0.005	0.005	0.0005	0.001	0.001	0.005	0.010	0.010	5 µg/l	0.1	0.5	0.5	0.5	0.5	1.0	1.0
1	RAWTL/19130	SAS Nagar		Kendiya Vidyalaya K Area Zirakpur	16.07.2021	RO Treated Water	NM	0.016	BDL	BDL	BDL	BDL	BDL	BDL	0.011	0.023	BDL	BDL	BDL	9.22	17.50	13.77	22	8	

*DDM*  
 Regional Advance Water Testing Laboratory  
 DWSS, Phase-2, S.A.S Nagar, Punjab

*Sharma*  
**Er. Veenakshi Sharma**  
 Quality Manager  
 Authorised Signatory  
 For Regional Advance Water Testing  
 Laboratory, SAS Nagar (Mohali)

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ID No. RAWTL/19130/1987

Dated 29/07/2021

Sample Registration No. : RAWTL/19130  
 Sample code given by customer : Not Applicable  
**Test Results**  
**Chemical Testing**

Radioactive Elements (Residues in Water)						
Sr. No	Parameter	WHO limit (ppb)	AERB limit (ppb)	Method Detection Limit (MDL) (ppb)	Result	Standard / Specification/ Method Followed
1.	Uranium (U <sup>238</sup> )	30	60	5	As per Annexure Attached	APHA-3125B - By ICPMS
Heavy Metals (As per IS 10500 : 2012) (Residues in Water)						
Sr. No.	Parameter	Acceptable limit mg/l	Permissible Limit mg/l	Method Detection Limit (MDL) (mg/l)	Result	Standard / Specification/ Method Followed
1	Aluminum (Al)	0.03	0.2	0.01	As per Annexure Attached	APHA-3125B - By ICPMS
2	Chromium (Cr)	0.05	No relaxation	0.005		
3	Iron (Fe)	1.0	No relaxation	0.01		
4	Nickel (Ni)	0.02	No relaxation	0.005		
5	Mercury (Hg)	0.001	No relaxation	0.0005		
6	Arsenic (As)	0.01	No relaxation	0.005		
7	Selenium (Se)	0.01	No relaxation	0.005		
8	Cadmium (Cd)	0.003	No relaxation	0.001		
9	Lead (Pb)	0.01	No relaxation	0.005		
10	Copper (Cu)	0.05	1.5	0.01		
Anions (Water)						
Sr. No.	Parameter	Acceptable limit mg/l	Permissible Limit mg/l	Method Detection Limit (MDL) (mg/l)	Result	Standard / Specification/ Method Followed
1.	Fluoride (F)	1.0	1.5	0.1	As per Annexure Attached	APHA-4110 - By IC
2.	Chloride (Cl)	250	1000	0.5		
3.	Nitrate (NO <sub>3</sub> )	45	No relaxation	0.5		
4.	Sulphate (SO <sub>4</sub> )	200	400	0.5		
Cations (Water)						
1.	Calcium (Ca)	75	200	2.0	As per Annexure Attached	ISO 14911
2.	Magnesium (Mg)	30	100	1.0		
<b>Note 1:</b>	ppb: parts per billion		mg/l: milligram per litre		MDL - method detection limit	
	APHA: American Public Health Association			BDL- Below Detection Limit		
<b>Note 2:</b>	The parameters marked with an * are not accredited by NABL					

Deputy Quality Manager

Authorized Signatory

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Regional Advance Water Testing Laboratory (RAWTL)  
Phase- 2, SAS Nagar

ULR-TC6388210000000217F

ID No. RAWTL/19130/ 1987

Dated 29/07/2021

TEST REPORT  
Chemical Testing

Sr. No	Group	Sample Tested in Group (✓)
1.	Residues in Water	✓
2.	Water	✓

Sample Registration No. : RAWTL/19130

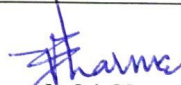
Sample code given by customer : Not Applicable

Issued to:-

Deepika Sandhu,  
Principal, Kendriya Vidyalaya 'K' Area Zirakpur,  
Distt. SAS Nagar  
Punjab.

SAMPLE PARTICULARS

Ref. Letter No. : Letter no. F13/488 dated 16.07.2021  
Date of Receipt : As per Annexure 1 attached  
Sample code given by customer : Not Applicable  
Name / Nature of sample : Water  
Condition of the sample : Un-Sealed samples  
Qty/Pkg : 500 ml Amber Colored Glass bottle  
Sampling Method : Sample not drawn by RAWTL  
Test Start Date : 19.07.2021  
Test Completion Date : 28.07.2021

  
Er. Veenakshi Sharma  
Quality Manager  
Authorized Signatory  
For Regional Advance Water Testing Laboratory

Note:

- ☞ The enclosed results pertain only to the sample tested.
- ☞ The report shall not be used for advertising or any legal purpose without written permission from the Head, DWSS.
- ☞ This report cannot be re-produced, except when in full, without the written permission from the Head, DWSS.
- ☞ The sample shall be destroyed after one month from the date of issue of the report.

**O/o Quality Manager  
Regional Advance Water Testing Laboratory, DWSS  
Phase-2, SAS Nagar, Punjab**

Tel: 0172-4330340 (O)  
Email: rawtlmohali@gmail.com

To

Deepika Sandhu,  
Principal,  
Kendriya Vidyalaya 'K' Area Zirakpur,  
Distt. SAS Nagar,

Punjab.

No. 2563

Date: 02/08/21

Subject :- Test Reports of water samples.

Please find the enclosed here with the report no. RAWTL/19/30/1987  
dated 29/07/21 samples received on 16.07.2021. You are requested to fill the  
attached feedback form and send it to Regional Advance Water Testing Laboratory, Phase  
2, SAS Nagar, Mohali

**D/A Test Report**



**Quality Manager  
RAWTL, DWSS, Punjab**