

# Safe Drinking Water and Sanitary Condition Certificate

No/hygienic/24/173

Dated: 4/12/24

It is certified that an inspection team headed by Dr. Dinesh K. Punia M.O. (Name of Officers with Designation) from Health Department, Distt Kaithal (Name of Department/Office) inspected the Akal Academy School Bhusla (K+9) has safe drinking water facilities for the students and members of staff of the institutions and is maintaining the Hygienic & Sanitation conditions in the school building and the campus as per the norms prescribed by the Central/State Government/U.T. Govt.

The above is valid for a period of One year.

*Dinesh*  
Medical Officer  
Civil Hospital  
Signature with Seal

To

Principal  
Akal Academy School  
Bhusla

*Dinesh*  
Dr. Dinesh K. Punia  
Medical Officer  
Civil Hospital  
Kaithal

*Dinesh*  
Manager  
Akal Academy  
Bhusla (Kaithal)

*Gurpreet Kaur*  
Principal  
Akal Academy  
Bhusla (Kaithal)

Memo No:- 359

Date:- 07/03/2024

Subject : Physical / Chemical Examination Report of Water Sample

Sample ID/Classification : KTL/04732/3/2024 / Private	Sample Details	Date & Time
Sender : Akal Academy bhunsla10596	Collected By	Akal Academy bhunsla
Location : , village bhunsla tehsil guhla cheeka district kai	Collection Date	03/03/2024 at 10:25
Sample Description : Drinking Water	Received at lab	03/03/2024 at 13:26
Latitude / Longitude : 76.449109 / 30.098600	Analysis Start Date	03/03/2024
	Analysis End Date	04/03/2024
	Sample Quantity	1000 ml

**Test Result (As Per BIS 10500 :2012)**

S.No.	Tested Parameter	Result	Requirement (Acceptable Limit)	Permissible Limit (In the Absence of Alternate Source)	Protocol Used
1	Total Dissolved Solids @ 180°C ± 2°C	181	500 mg/lt.	2000 mg/lt.	APHA2540 C; 2017
2	Total Hardness as CaCO <sub>3</sub>	130	200 mg/lt.	600 mg/lt.	APHA2340 C; 2017
3	Calcium as Ca	24.04	75 mg/lt.	200 mg/lt.	APHA3500-Ca B; 2017
4	Magnesium as Mg	17.01	30 mg/lt.	100 mg/lt.	APHA3500 Mg B; 2017
5	Iron as Fe	0.00	1.0 mg/lt.	1.0 mg/lt.	APHA3500-Fe B; 2017
6	Chloride as Cl	94.70	250 mg/lt.	1000 mg/lt.	APHA4500 Cl-B; 2017
7	Sulphate as So <sub>4</sub>	1	200 mg/lt.	400 mg/lt.	APHA4500-So <sub>4</sub> -E
8	Fluoride as F	<0.02	1.0 mg/lt.	1.5 mg/lt.	APHA 4500-F--C
9	Nitrate as No <sub>3</sub>	1.01	45 mg/lt.	45 mg/lt.	APHA 4500-NO <sub>3</sub> - D
10	pH @ 25°C	6.80	6.5 - 8.5	6.5 - 8.5	APHA4500-H+ B; 2017
11	Total Alkalinity	40.00	200 mg/lt.	600 mg/lt.	APHA 2320 B; 2017
12	Color	1	5 Hazen Units	15 Hazen Units	APHA 2120-B
13	Odour	Agreeable	Agreeable	Agreeable	IS 3025 (Part-5) : 1984 (RA 2018)
14	Taste	Agreeable	Agreeable	Agreeable	IS 3025 (Part-8) : 1984 (RA 2017)
15	Turbidity	0.22	1 NTU	5 NTU	APHA2130 B; 2017

**Remarks :-**

- \* The Results Given above are related to the sample as received and tested in PHED KAITHAL Lab.
- \* The test report can't be regenerated in whole or part there of without written permission of Competent Authority.
- \* The test report can't be used for any publicity or any legal purpose.
- \* Reliability of water sample sample lies with sender/collector of water sample.
- \* To check the sample report online Scan the QR Code below.
- \* The test samples meant for chemical analysis will be disposed off after 15 days from the data of issue of test report unless until specifically requested by the customer for retaining over a longer period.

Water Sample has been found "CONFORMING" to Limits set in BIS10500:2012 for the tested parameters. Based on the tested parameters,the water sample is found "POTABLE"

*Subodh 2*  
Subodh Kumar  
District Engineer  
Kaithal

*Gurjeet Kaur*  
Gurjeet Kaur  
District Engineer  
Kaithal

-----END OF TEST REPORT-----