

Lab. Ref. no.

2235

HIMACHAL PRADESH JAL SHAKTI VIBHAG
SUB-DIVISIONAL LEVEL LABORATORY, SUNDERNAGAR

Disposal No
 820
 3/12/24

REPORT ON PHYSICAL CHEMICAL & BACTERIOLOGICAL EXAMINATION OF WATER SAMPLE

Sender : *Principal Genius International*
Public School Ner chowk
Mandi H.P.

Division :
 Sub-Division :
 Section :

Panchyat Village Habitation

District *Mandi* Block *Sundernagar*

(Water samples collected and forwarded by the sender)

Name of Scheme : *Genius International School*

Type of Source : Place of Collection : *School Top*

Date & Time of Collection : *30/11/24*

Date & time of Collection at Laboratory : *30/11/24 at 11:20 am*

Nature of Water : 1. Raw Water 2. Treated /Distribution Water 3. Hand pump 4. Tube Well

Limits : Based upon BIS: 10500-2012

(A) PHYSICAL TESTS

S.No.	Parameter	UNITS	ACCEPTABLE LIMIT	Cause of Rejection	RESULT
1	Temperature	°c	-	-	
2	Turbidity	NTU	1	5	<i>1.2</i>
3	Colour	Hazen Units	5	15	<i>Acceptable</i>
4	Odour	—	Acceptable	Acceptable	<i>Acceptable</i>
5	Taste	—	Acceptable	Acceptable	
6	pH	—	6.5-8.5	No relaxation	<i>7.52</i>

(B) CHEMICAL TESTS

1	TDS	Mg/l	500	2000	<i>105</i>
2	Residual Chlorine	Mg/l	0.2 to 0.5	1.0	<i>—</i>
3	Total Hardness	Mg/l	200	600	<i>85</i>
4	Total Alkalinity	Mg/l	200	600	<i>67</i>
5	Chloride	Mg/l	250	1000	<i>20</i>
6	Sulphate	Mg/l	200	400	<i>3.5</i>
7	Nitrates	Mg/l	45	No relaxation	<i>5.2</i>
8	Iron	Mg/l	0.3	1.0	<i>0.01</i>
9	Fluorides	Mg/l	1.0	1.5	<i>—</i>
10	Manganese	Mg/l	0.1	0.3	<i>—</i>
11	Arsenic*	Mg/l	0.01	0.05	<i>—</i>

(C) BACTERIOLOGICAL TESTS

1	Total Coli forms	MPN/100ml	Nil	> Nil	<i>Nil</i>
2	E-coli	MPN/100ml	Nil	> Nil	<i>—</i>

Note: - *indicate discrete sampling. Water quality monitoring to be continued only if these are traced in drinking water sources.

REMARKS: *Water Sample parameters tested above are within limits & total count of Coliforms are nil.*

Assistant Chemist
 Jal Shakti Vibhag Sub-Division
 Sundernagar

Assistant Engineer
 Jal Shakti Vibhag Sub-Division
 Sundernagar

No. —

Dated: 16/05/2023.

It is certified that an inspection team headed by Dr. Shalini Medical Officer

(Name of Officers with designation) from Civil Hospital Ratti Teh. Balh Distt. Mandi (H.P)

(Name of Department/ Office) inspected the Genius International Public school Nerchowk
Teh. Balh Distt. Mandi (H.P)

(Name & Address of the school) on 16/05/23 (date of inspection) and found that the Genius International Public School (Name of school) has safe drinking water facilities for the students and members of staff of the institution and is maintaining the hygienic sanitation condition in the school building & the campus as per norms prescribed by the Central/ State/ U.T. Govt.

The above is valid for a period of 03 years (Three) years.

Shalini
16/05/2023
Medical Officer
Civil Hospital Ratti
Distt. Mandi (H.P)

Signature with Seal:

Name : Dr. Shalini

Designation : Medical Officer

Name & Address of the Office / Department : Health.
Civil Hospital Ratti, Teh Balh Distt.
Mandi (HP) 175008

To

Principal, Genius International
Public School, Nerchowk
Teh. Balh Distt. Mandi (HP) 175008
(Name & Address of the Institution)