



**PUBLIC HEALTH ENGINEERING DEPARTMENT**  
**DISTRICT WATER TESTING LABORATORY, PANCHKULA**  
Near GSSS School, Dera Bassi Road, Ramgarh at Panchkula-134116  
E-mail: [chemist.pkl@gmail.com](mailto:chemist.pkl@gmail.com)



TC-9228

### Test Report

Test Report No. : PKL/02682/10/2021 Issue Date: 06/10/2021  
Issued To: Principal  
Gyandeep School (Recog)  
Sec - 18, Panchkula

Customer Reference No. : 682  
Sample Description : Water  
Sample Type : Chemical Analysis  
Sample collected on dated : 01/10/2021  
Sample Collected by : Puneet  
Sample received on dated : 01/10/2021

Sample Location : Gyandeep school sec-18, Panchkula  
Sample Quantity : 2 liter  
Date of Analysis started : 01/10/2021  
Dated of analysis completed : 05/10/2021

RESULTS						
S. No.	Parameter	Protocol Used	Results	IS:10500:2012(Second Revision)		Unit
				Desirable limit	Max. Permissible limit (in absence better alternate source)	
1	Total Dissolved Solids	APHA2540 C	368.0	500	2000	mg/L
2	Total Hardness	APHA2340 C	226.42	200	600	mg/L
3	Calcium (as Ca)	APHA3500-Ca B	60.50	75	200	mg/L
4	Magnesium (as Mg)	APHA3500 Mg B	18.34	30	100	mg/L
5	Total Alkalinity	APHA 2320 B	188.63	200	600	mg/L
6	Chloride (as Cl)	APHA4500 Cl B	41.70	250	1000	mg/L
7	pH	APHA4500-H <sup>+</sup> B	8.45	6.5 to 8.5	No relaxation	pH units

#### Note:

1. The results given above are related to the sample as received and tested in PHED Lab, Panchkula. Reliability of sample lies with the sender.
2. The test report can't be regenerated/re-produced in whole or in part without written permission of Laboratory.
3. The test report can't be used for any publicity or any legal purpose.
4. The test samples meant for chemical analysis will be disposed off after 15 days from the date of issue of test report unless until specifically requested by the customer for retaining over a longer period.

Sample analyzed by: Rajinder Kaur

*Sonia*  
(Sonia Badesara)

Authorized Signatory/Chemist  
PHED Water Testing Laboratory, Panchkula

END OF TEST REPORT

**Govt. of Haryana**  
**Public Health Engineering Department, Water Testing Laboratory, Panchkula**  
**Near GSSS School, Dera Bassi Road, Panchkula at Ramgarh-134116**

Email id: [chemist.pkl@gmail.com](mailto:chemist.pkl@gmail.com)

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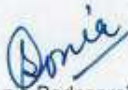
**RESULTS**

S. No.	Parameter	Protocol Used	Unit	Results	IS: 10500:2012 (Second Revision)	
					Desirable limit	Max. Permissible limit (in absence better alternate source)
8	Fluoride (as F)	APHA 4500- F C	Mg/L	0.30	1.0	1.5
9	Sulphate (as SO <sub>4</sub> )	APHA4500-SO <sub>4</sub>	Mg/L	08	200	400
10	Nitrate (as NO <sub>3</sub> )	APHA4500-NO <sub>3</sub> D	Mg/L	0.14	45	45
11	Iron (as Fe)	APHA3500-Fe B	Mg/L	0.08	1.0	No relaxation

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5. \*BDL - Below detection limit

Sample analyzed by: Rajinder Kaur

  
(Sonia Badesara)  
Authorized Signatory/Chemist  
PHED Water Testing Laboratory,  
Panchkula

END OF TEST REPORT