



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



**Test Report**

Test Report No. : PKL/01302/07/2023 Lab Ref No : C-188/07/2023  
 Issued To: : The Pioneer School  
 Vill - Kakrali, Panchkula ( Hry )  
 Customer Reference No. : TPS/23  
 Customer's Description of sample : Drinking Water  
 Type of Analysis : Chemical Analysis  
 Sample supplied by : Arun partap  
 Packing, Marking and Seal : Unsealed plastic bottle  
 Sample Location : The Pioneer School, Vill - Kakrali, Panchkula ( Hry )  
 Sample Quantity : 2 lit.  
 Date of Receipt of Sample : 04/07/2023  
 Period of Analysis : 05/07/2023 To 06/07/2023  
 Issue Date of Report : 06/07/2023

S. No.	Parameter	Method Used	Unit	Results	IS:10500:2012 (Second Revision)	
					Desirable limit	Max. Permissible limit (in absence better alternate source)
1	Total Dissolved Solids (at 180°C)	APHA2540 C	mg/L	445.0	500	2000
2	Total Hardness (as CaCO <sub>3</sub> )	APHA2340 C	mg/L	232.0	200	600
3	Calcium (as Ca)	APHA3500-Ca B	mg/L	76.3	75	200
4	Magnesium (as Mg)	APHA3500 Mg B	mg/L	10.2	30	100
5	Total Alkalinity (as CaCO <sub>3</sub> )	APHA 2320 B	mg/L	337.0	200	600
6	Chloride (as Cl)	APHA4500 Cl B	mg/L	20.1	250	1000
7	pH (at 25°C)	APHA4500-H+ B	pH units	7.29	6.5 to 8.5	No relaxation
8	Fluoride (as F)	APHA4500- F C:2017	mg/l	0.31	1.0	1.5
9	Sulphate (as SO <sub>4</sub> )	IS3025 (Part-24)	mg/l	14.79	200	400
10	Turbidity	APHA2130B	NTU	1.04	1	5
11	Taste	IS3025 (Part-8)	Qualitative	Agreeable	Agreeable	Agreeable
12	Odour	IS3025 (Part-5)	Qualitative	Agreeable	Agreeable	Agreeable
13	Colour	APHA2120B/ APHA2120C	HU	<5.00	5	15

**Note:**

- The results given above are related to the sample as received and tested in PHED Lab, Panchkula. Reliability of sample lies with the sender.
- The test report can't be regenerated/re-produced in whole or in part without written permission of Laboratory.
- The test report can't be used for any publicity or any legal purpose.
- 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:

*VK*  
06/07/2023

Reviewed by:

*D. Kaur*  
06/07/2023

*[Signature]*  
**CHEMIST (HSC-II)**  
 Authorized Signatory / Chemist  
**P.H.E.D. LAB,**  
 PHED Water Testing Laboratory,  
**PANCHKULA**

END OF TEST REPORT

