



**OFFICE OF THE CHEMIST**  
**PUBLIC HEALTH ENGINEERING DEPARTMENT**  
**WATER TESTING LABORATORY, FARIDABAD**

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PHEDFBD 7.8 F01

**Test Report**

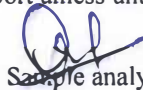
Test Report No. – 460	Issue Date :- 21/01/2023
Issue To – Govt Boys Sr.Sec School,Tigaon,	Location - Govt boys sr.sec school GMSSSS
GMSSSS Your Reference No- 351 /23	Collected By – Govt boys sr.sec school GMSSSS
Sample Type – physical & chemical	Sample Collected Date & Time –20/01/2023 :11:00 AM
Name of JE –	Sample Received Date & Time :- 20/01/2023 1:00 PM
Lab Job Order No.- PC –368/09/2023	Sample Quantity :- 1000 ml

**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 Solid	APHA2540 C :2017	56	500	2000	mg/L
2	Total Hardness	APHA2340 C :2017	40	200	600	mg/L
3	Calcium (as Ca)	APHA3500-Ca B:2017	12	75	200	mg/L
4	Magnesium (as Mg)	APHA3500 –Mg B:2017	0.02	30	100	mg/L
5	Total Alkalinity	APHA 2320 B: 2017	50	200	600	mg/L
6	Chloride (as Cl)	APHA4500 –Cl <sup>-</sup> B:2017	75	250	1000	mg/L
7	Sulphate	APHA 4500-SO <sub>4</sub> <sup>2-</sup> E USEPA 9038	58	200	400	mg/L
8	Fluoride (as F)	APHA 4500-F D,C:2017	0.79	1.0	1.5	mg/L
9	Iron	APHA 3500-Fe B USEPA ,45 (126:43459)	0.02	1.0	No relaxation	mg/L
10	Nitrate (as NO <sub>3</sub> )	APHA4500 –NO <sub>3</sub> <sup>-</sup> D :2017	0.8	45	No relaxation	mg/L
11	pH	APHA4500 - H <sup>+</sup> B :2017	7.16	6.5 -8.5	No relaxation	mg/L

**Notes:**

1. The results given above are related to the sample as received and tested in PHED Lab, Faridabad 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

  
(Vandana Choudhary)

Authorized Signatory/Chemist  
PHED Water Testing Laboratory, Faridabad