PUBLIC HEALTH ENGINEERING DEPARTMENT
WATER TESTING LABORATORY, FARIDABAD

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PHED Haryana

TC-9082

Test Report

Test Report No:- 405	**Issue Date :-** 04/05/2023
Issue To:- Rawal convent School	**Location:-** Friends Colony,Sohna Road ,Ballabgarh
Your Reference No- RCS/2023/05/01	**Collected By:-** Rawal convent School
Sample Type: – Physical & Chemical	**Sample Collected Date & Time:-** 02/05/2023 at 12:00
Name of JE: – -	**Sample Received Date & Time:-** 02/05/2023 at 1:00
Lab Job Order No.- FBD/000218/5/2023	**Sample Quantity :- 1 L**
Date of Start of Analysis of Sample :-03/05/2023	**Date of End of Analysis of Sample :-** 04/05/2023

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 (TDS) at 180°C	APHA2540 C :2017	78	500	2000	mg/L
2	Total Hardness as $CaCO_3$	APHA2340 C :2017	56	200	600	mg/L
3	Calcium (as Ca)	APHA3500-Ca B:2017	14.42	75	200	mg/L
4	Magnesium (as Mg)	APHA3500 –Mg B:2017	4.86	30	100	mg/L
5	Alkalinity as $CaCO_3$	APHA 2320 B: 2017	16	200	600	mg/L
6	Chloride (as Cl)	APHA4500 –Cl^- B:2017	35.9	250	1000	mg/L
7	Sulphate as SO_4	APHA 4500-SO_4^{2-} E USEPA 9038	18	200	400	mg/L
8	Fluoride (as F)	APHA 4500-F D, C:2017	0.51	1.0	1.5	mg/L
9	Iron as Fe	APHA 3500-Fe B USEPA ,45	0.01	1.0	No relaxation	mg/L
10	Nitrate (as NO_3)	APHA4500 –NO_3^- D :2017	5.31	45	No relaxation	mg/L
11	pH	APHA4500 - H^+ B :2017	7.26	6.5 -8.5	6.5-8.5	pH

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
5. 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

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