

Govt. of Haryana
Public Health Engineering Department, Water Testing Laboratory, Panipat
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TC-9265

Test Report

Memo No: 65 dt: 22/11/2021

Test Report No : PC722/11/2021
 Sender : Principal M.A.S.D School Panipat
 Customer Reference No. : 3223 Dated: 16/11/2021
 Sample Description : Water
 Sample Type : Physico-Chemical Analysis
 Sample collected on dated : 17/11/2021
 Sample received on dated : 17/11/2021
 Sample Location : Twell at M.A.S.D Public School Faridpur Road Near Toll Tax Panipat
 Sample Quantity : 1 ltr
 Date of Analysis started : 17/11/2021
 Dated of analysis completed : 22/11/2021

RESULTS

S. No.	Parameter	Protocol Used	Results	IS:10500:2012 (Second Revision)		Unit
				Desirable limit	Max. Permissible limit (in absence better alternate source)	
1	Colour	IS 3025 (Part-4) : 1983 (RA 2017)	1	5	15	Hazen
2	Odour	IS 3025 (Part-5) : 1984 (RA 2018)	Agreeable	Agreeable	Agreeable	-
3	Taste	IS 3025 (Part-8) : 1984 (RA 2017)	Agreeable	Agreeable	Agreeable	-
4	Total Dissolved Solids	IS 3025 (Part-16) : 1984 (RA 2017)/ APHA2540 C	214	500	2000	mg/L
5	Total Hardness	IS 3025 (Part-21) : 2009 (RA 2019)/ APHA2340 C	205.5	200	600	mg/L
6	Calcium (as Ca)	IS 3025 (Part-40) : 1991 (RA 2019)/ APHA3500-Ca B	23.24	75	200	mg/L
7	Magnesium (as Mg)	IS 3025 (Part-46) : 1994 (RA 2019)/ APHA3500-Mg B	35.84	30	100	mg/L
8	Total Alkalinity	IS 3025 (Part-23) : 1986 (RA 2019)/ APHA 2320 B	230	200	600	mg/L
9	Chloride (as Cl)	IS 3025 (Part-32) : 1988 (RA 2019)/ APHA4500 Cl B	19.14	250	1000	mg/L
10	Fluoride (as F)	APHA 4500-F C	0.36	1.0	1.5	mg/L
11	Nitrate (as NO ₃)	APHA 4500-NO ₃ D	1.1	45	45	mg/L
12	pH	IS 3025 (Part-11) : 1983 (RA 2017)/ APHA4500-H ⁺ B	7.49	6.5 to 8.5	No relaxation	-
13	Sulphate (as SO ₄)	IS 3025 (Part-24) : 1986 (RA 2019)/ APHA4500-SO ₄ E	32	200	400	mg/L
14	Iron (as Fe)	IS 3025 (Part-53) : 2003 (RA 2019)/ APHA3500-Fe B	0.02	0.3	1.0	mg/L
15	Turbidity	IS 3025 (Part-10) : 1984 (RA 2017)/ APHA2130 B	0.16	1	5	NTU

Opinion: The Parameter Tested at Sr.No. 1 to 15 in the test report meets the requirement of IS 10500:2012 (Second revision)

Notes:

- The results given above are related to the sample as received and tested in PHED Lab, Panipat. Reliability of sample lies with the sender. Sample not collected by this Laboratory.
- 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:

(Signature)
 (Sanish Kumar) 22/11/2021
 Authorized Signatory/Chemist
 PHED Water Testing Laboratory, Panipat