

Memo No:- 661

Date:- 26/06/2024

Subject : Physical / Chemical Examination Report of Water Sample

Sample ID/Classification : SNP/01020/6/2024 / Private		Sample Details	Date & Time
Sender :	TDI INTERNATIONAL SCHOOL32815	Collected By	SUNIL BHORIYA
Location :	, SEC-19, TDI CITY KUNDALI , SONIPAT	Collection Date	20/06/2024 at 11:19
Sample Description :	Drinking Water	Received at lab	20/06/2024 at 11:25
Latitude / Longitude :	77.135713 / 28.888928	Analysis Start Date	20/06/2024
		Analysis End Date	21/06/2024
		Sample Quantity	2 ltr

**Test Result (As Per BIS 10500 :2012)**

S.No.	Tested Parameter	Result	Requirement (Acceptable Limit)	Permissible Lmt. (In the Absence of Alternate Source)	Protocol Used
1	Total Dissolved Solids @ 180°C ± 2°C	139	500 mg/lt.	2000 mg/lt.	APHA 24th Edition -2540 C
2	Total Hardness as CaCo3	72	200 mg/lt.	600 mg/lt.	APHA 24th Edition -2340 C
3	Calcium as Ca	12.02	75 mg/lt.	200 mg/lt.	APHA 24th Edition-3500-Ca B
4	Magnesium as Mg	10.21	30 mg/lt.	100 mg/lt.	APHA 24th Edition -3500 Mg B
5	Chloride as Cl	19.99	250 mg/lt.	1000 mg/lt.	APHA 24th Edition -4500 Cl-B
6	pH @ 25°C	6.74	6.5 - 8.5	6.5 - 8.5	APHA 24th Edition 4500-H+ B
7	Total Alkalinity	94	200 mg/lt.	600 mg/lt.	APHA 24th Edition -2320 B
8	Color	5.0	5 Hazen Units	15 Hazen Units	APHA 24th Edition-2120-B
9	Odour	Agreeable	Agreeable	Agreeable	IS 3025 (Part-5) : 2018
10	Taste	Agreeable	Agreeable	Agreeable	IS 3025 (Part-8) : 2023
11	Turbidity	0.61	1 NTU	5 NTU	APHA 24th Edition -2130 B
12	Iron as Fe	0.00	1.0 mg/lt.	1.0 mg/lt.	USEPA
13	Sulphate as So4	6	200 mg/lt.	400 mg/lt.	USEPA / APHA 24th -4500 SO4-E
14	Fluoride as F	0.15	1.0 mg/lt.	1.5 mg/lt.	APHA 24th Edition-4500F C/
15	Nitrate as No3	0.0	45 mg/lt.	45 mg/lt.	APHA 24th Edition -4500 NO3 D

**Remarks :-**

- \* The Results Given above are related to the sample as received and tested in PHED SONIPAT Lab.
- \* The test report can't be regenerated in whole or part there of without written permission of Competent Authority.
- \* The test report can't be used for any publicity or any legal purpose.
- \* Reliability of water sample sample lies with sender/collector of water sample.
- \* To check the sample report online Scan the QR Code below.
- \* The test samples meant for chemical analysis will be disposed off after 7 days from the data of issue of test report unless until specifically requested by the customer for retaining over a longer period.

Water Sample has been found "**CONFORMING**" to Limits set in BIS10500:2012 for the tested parameters.



Sample analyzed by :

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