

APEX TESTING AND RESEARCH LABORATORY

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TC-8463

APEX LAB

TEST REPORT

FORMAT NO.: ATRL/7.8/OF/67

ULR No.

TC846324000004385F

Issue To / Customer	: Ms. The Heritage School : I-5, Sector 128 Noida 201317	Report / sample No.	: 20240617014
		Date Of Receipt	: 17.06.2024
		Date of Issue	: 21.06.2024
Name of sample	: Drinking Water	Test Started On	: 17.06.2024
Customer Ref No	: N.S	Test Completed on	: 21.06.2024
Brand name	: N.S	Sample Qty	: 1 Liter
Batch no.	: N.S	Sample packaging	: Pet Bottle + SB
Location of performance	: In lab	Manufacturing date	: N.S
Discipline	: Chemical & Biological	Source Of Water	: R.O Water
Group	: Water	Condition of sample	: Ok
Sample Location	: I-5, Sector 128 Noida 201317		

Sampling details

Sampling	: Done by us		
Sampling date	: 17.06.2024	Sampling method	: ATRL/CHEM/SOP/001
Sampling plan	: Available	Sampling by	: Our Lab Representative Mr. Sunil

S. No	Test Parameters	Units of Measurements	Results	Requirement (IS: 10500-2012)		Method Reference
				Acceptable Limit	Permissible Limit	
Organoleptic and Physical Parameters						
1.	pH value	-	7.09	6.5-8.5	No Relaxation	IS:3025(P-11)-2022
2.	Colour	Hazen units	<5	5 max	15 max	IS:3025(P-4)-2021
3.	Odour	-	Agreeable	Agreeable	Agreeable	IS:3025(P-5)-2018
4.	Taste	-	Agreeable	Agreeable	Agreeable	IS:3025(P-7&8)-2017
5.	Turbidity	NTU	<1	1 max	5 max	IS:3025(P-10)- 2023
6.	Total Dissolved Solids (TDS)	mg/l	135	500 max	2000 max	IS:3025(P-16)-2023
General Parameters concerning Substances undesirable in excessive amounts						
1	Calcium (as Ca)	mg/l	16	75 max	200 max	IS:3025(P-40)-1991, RA 2019
2	Chloride (as Cl)	mg/l	15	250 max	1000 max	IS:3025(P-32)-1988, RA 2019
3	Iron (as Fe)	mg/l	ND[DL-0.1]	1 max	No Relaxation	IS:3025(P-53)-2003, RA 2019
4	Magnesium (as Mg)	mg/l	10	30 max	100 max	IS:3025(P-46)- 2023
5	Sulphate (as SO ₄)	mg/l	11	200 max	400 max	IS:3025(P-24)-Sec-1:2022
6	Total Hardness (as CaCO ₃)	mg/l	80	200 max	600 max	IS:3025(P-21)-2009[RA 2019]
7	Fluoride(as F)	mg/l	ND[DL-0.1]	1 max	1.5 max	APHA 23 Ed. 4500F
MICROBIOLOGICAL PARAMETERS						
1.	Coliform	Per 100 ml	Absent		Absent	IS 15185 : 2016
2.	E. coli	Per 100 ml	Absent		Absent	IS 15185 : 2016

Reviewed By
Sunil Dutta
Sr. Analyst

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Authorized Signatory
Dr. Ashish Kant Jain
Director

Remarks:

- The sample conforms to IS: 10500-2012 for given parameters in the above respect only.
- Lab is responsible for all the information provided in the report except when information provided by the customer.
- Reports relates only to the sample as received.
- If the sample provided by the customer, then result applied to the sample as received, as applicable.

Note - ND : Not Detected , DL : Detection Limit, N.S : Not Specified

Terms & Conditions : 1 Test reports are valid only for the samples tested in our laboratory. 2. Samples will be destroyed after 30 days from the date of issue of test reports unless otherwise specified. 3. Samples tested are Non-Returnable until specified at time of sample submission. 4. This report will not be valid for judicial purpose or for advertisement. 5. Any complaints about this report should be communicated in writing within 7 days of issue of this report. 6. Total liability of our laboratory is limited to invoiced amount.
THIS REPORT IS NOT VALID WITHOUT HOLOGRAM