



Industrial Testing Laboratory & Consulting House

(A Govt. Approved Laboratory)

Test Report

ISO 9001 : 2015

Issued to:

D.A.V PUBLIC SR. SEC. SCHOOL,
KAKRALA VIA GHAGGA,
TEHSIL. SAMANA,
DISTT PATIALA- 147102 (PB).

ULR Number : ITL/ENV/2402002098
Report Issue Date : 27/02/2024
Sample Receipt Date : 23/02/2024
Analysis Date : 23/02/2024 to 27/02/2024
Lab Sample No. & Date : ITL/ENV/2402002098 & 23/02/2024
Reference No. & Date : NA

Nature and Description of Sample : Water Sample
Type of Sample : Drinking Water Sample
Date of Sample Collection : NA
Location / Source of Sample : Drinking Water sample from R.O. Outlet
Sample Quantity : 5 Litre
Sample Condition : OK
Sampling Method : NA
Name of the Sample Collecting Officer : Supplied by party
Any Other Information (if any) : NA

Test Results

SN	Chemical Parameters	Results	Regulatory Standards As per IS: 10500-2012 (Drinking water specification)		Test method (S)
			A	B	
1	Color, Ptco	<5.0	5	15	IS:3025 (Part 4) 2021
2	Odour	Agreeable	Agreeable	Agreeable	IS: 3025 (Part 5) 2018
	Taste	Agreeable	Agreeable	Agreeable	IS:3025 (Part 8) 2023
3	Turbidity, NTU	<1.0	1	5	IS:3025 (Part 10) 2023
4	pH at 25° C Value	7.34	6.5-8.5	No Relaxation	IS:3025 (Part 11) 2022
5	Iron (as Fe), mg/l	BLQ (LOQ-0.2)	0.3	No Relaxation	IS:3025 (Part 53) 2003
6	Chloride (as Cl), mg/l	32.5	250	1000	IS:3025 (Part 32) 1988,
7	Sulphate (as SO ₄), mg/l	1.8	200	400	IS:3025 (Part 24)2022
8	Total Dissolved Solids, mg/l	181	500	2000	IS:3025 (Part 16) 2023
9	Calcium (as Ca), mg/l	02	75	200	IS:3025 (Part 40) 1991
10	Magnesium (as Mg), mg/l	1.2	30	100	IS:3025 (Part 46)2023
11	Total Alkalinity (as CaCO ₃), mg/l	80	200	600	IS:3025 (Part 23) 2023
12	Total Hardness (as CaCO ₃),mg/l	10	200	600	IS:3025 (Part 21) 2009
Biological Parameters					
1.	Total Coliform,(Present/Absent/100 ml)	Absent	Shall not detectable in 100 ml sample		IS:15185:2016
2.	E. coli (Present/Absent/100 ml)	Absent	Shall not detectable in 100 ml sample		IS:15185:2016

*Note- A- Desirable Limit, B-Permissible Limit (In absence of better alternate source), BLQ- Below Limit of Quantification

-----End of the report-----

AUTHORIZED SIGNATORY
(Kailash Chandra Bhatt)

NOTE: 1. The results are related to the tested items only 2. Total liability of our laboratory is limited to the invoiced amount. 3. Sample will be destroyed after 15 days from the date of issue of test certificate unless otherwise specified 4. Report is not to be produced wholly or in part as an evidence in the court of law and should not be used in any advertising media without the permission in writing from laboratory. 5. In case of any reconfirmation of the contents of the test report is required, please contact the authorized signatory of the test report within 15 days of the issue of the test report.

Form no. ITL/F/7.8-04

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