

HINDUSTAN ANALYTICAL & TESTING LABORATORY

An ISO 9001 : 2015 Certified and NABL Accredited Laboratory

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TEST REPORT

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Report No: HATL25080063	Report Date : 12/08/2025
Issued to: M/S. Navaprajna public school, Navajeevana Nilaya complex, Marathahalli, Bengaluru, Karnataka 560037	Customer Reference : Verbal
	Date of Receipt : 09/08/2025
	Date of start of test : 09/08/2025
Sample Collected by: Customer	Date of Completion of test : 12/08/2025

Sample Nature/Name: RO Water

Description: - Colorless, Odourless, Transparent liquid.

TESTS	RESULTS	Maximum Acceptable Limits (mg/l)	Maximum Permissible Limits (mg/l)	Protocol
		(As per IS 10500:2012)		
Colour, Hazen Units	<5	5	15	IS-3025/Part-4
Odour	Agreeable	Agreeable	Agreeable	IS-3025/Part-5
Turbidity, NTU	<0.1	1	5	IS-3025/Part-10
pH Value	6.65	6.5 - 8.5	No Relaxation	IS-3025/Part-11
Total Hardness as CaCO ₃ , mg/l	12.0	200	600	APHA 23 rd Edition
Calcium as Ca, mg/l	3.2	75	200	APHA 23 rd Edition
Magnesium, as Mg, mg/l	<1.0	30	100	APHA 23 rd Edition
Chloride as Cl, mg/l	8.9	250	1000	IS-3025/Part-32
Total Dissolved solids, mg/l	33.0	500	2000	IS-3025/Part-16
Sulphate as SO ₄ , mg/l	2.0	200	400	IS-3025/Part-24
Nitrate as NO ₃ , mg/l	1.0	45	No Relaxation	IS-3025/Part-34
Fluoride as F, mg/l	<0.1	1.0	1.5	APHA 23 rd Edition
Iron as Fe, mg/l	<0.1	0.3	No Relaxation	IS-3025/Part-53
Chromium as Cr ⁶⁺ , mg/l	<0.05	0.05	No Relaxation	IS-3025/Part-52
Copper as Cu, mg/l	<0.05	0.05	1.5	IS-3025/Part-42
Manganese as Mn, mg/l	<0.1	0.1	0.3	IS-3025/Part-59
Residual Free Chlorine, mg/l	<0.1	0.2	1	IS-3025/Part-26
Total Alkalinity as CaCO ₃ , mg/l	10.0	200	600	IS-3025/Part-23
Aluminium, as Al, mg/l	<0.01	0.03	0.2	IS-3025/Part-55
Boron as B, mg/l	<0.1	0.5	1.0	APHA 23 rd Edition
Microbiological Testing				
Total Coliform /100 ml	Absent	Not Detectable		IS 1622- 1981
E, Coli /100 ml	Absent	Not Detectable		IS 1622- 1981

Remarks: The given water sample meets the maximum acceptable limits as per IS 10500:2012 standard for above physio chemical & microbiological testing.

Analyzed by

Authorised Signatory

Note: 1. The results listed pertain only to the tested samples and applicable parameters. 2. Samples will be destroyed after 15 days from the date of issue of Test Certificate unless & otherwise specified. 3. This report is not be reproduced either wholly or in part and can not be used an evidence in the court of law and should not be used in any advertising media without prior written permission. 4. Sampling not done by us, unless specified.