



# TAMILNADU TEST HOUSE PRIVATE LIMITED

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## TEST REPORT

TEST REPORT NO: TNTH/M-3962/2023-24

DATE:03.10.2023

### SAMPLE SUBMITTED BY CUSTOMER

CUSTOMER DETAILS	M/s Crescent Institute of Science & Technology
ADDRESS	Vandalur, Chennai-600 048
SAMPLE DESCRIPTION	Men's Hostel RO Water
SAMPLE QUANTITY	2 litre
PACKING	In packed condition
SAMPLE RECEIVED ON	13.09.2023
ANALYSIS STARTED ON	30.09.2023
ANALYSIS COMPLETED ON	03.10.2023

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This report in full or in part shall not be published, advertised, used for any legal action, unless prior permission has been secured. This test report pertains only for the sample tested and such samples are retained for 7 days (in case of perishable) and 15 days for all other samples. In case of Complaint received from customers sample will be kept for 30 days. The samples from regulatory bodies are to be retained as specified. This document cannot be reproduced except in full, without prior written approval of the company.

For Tamilnadu Test House Private Limited

Managing Director

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## TEST REPORT

TEST REPORT NO: TNTH/M-3962/2023-24

DATE:03.10.2023

### SAMPLE SUBMITTED BY CUSTOMER

SAMPLE DESCRIPTION Men's Hostel RO Water

ANALYSIS STARTED ON 30.09.2023

ANALYSIS COMPLETED ON 03.10.2023

S. NO	PARAMETERS	METHOD	UNITS	RESULTS	LIMITS
1	pH @ 25°C	IS 3025 (Part 11)-1983 (R.2006)	-	7.33	6.5 to 8.5
2	Chloride as Cl <sup>-</sup>	IS 3025 (Part 32)-1988 (R.2009)	mg/l	28.64	Max 250
3	Sulphate as SO <sub>4</sub>	IS 3025 (Part 24)-1986 (R.2009)	mg/l	16.24	Max 200
4	Total Dissolved Solids	IS 3025 (Part 16)-1984 (R.2006)	mg/l	55.20	Max 500
5	Total Suspended Solids	IS 3025 (P17) : 1984 (R. 2017)	mg/L	89	-
6	Apperance	Physical observation	-	A Clear liquid	-
7	Colour	IS 3025(Part 4)-1983 (R.2006)	HU	<1	Max 5
8	Odour	IS 3025(Part 5)-1983 (R.2006)	-	Agreeable	Unobjectionable
9	Turbidity	IS 3025(Part 10)-1983(R.2006)	NTU	<1	Max 1
10	Total Hardness as CaCo3	IS 3025(Part 21)-1983(R.2006)	mg/l	56.00	Max 200
11	Total Magnesium Hardness	IS 3025(Part 21)-1983(R.2006)	mg/l	22.40	-
12	Total Calcium Hardness	IS 3025(Part 21)-1983(R.2006)	mg/l	33.60	-
13	Calcium as Ca	IS 3025(Part 40)-1991 (R.2009)	mg/l	13.47	Max 75
14	Magnesium as Mg	IS 3025(Part 46)-1994(R.2003)	mg/l	5.45	Max 30
15	Total Alkalinity as CaCo3	IS 3025(Part 23)-1986(R.2009)	mg/l	52	Max 200
16	Iron as Fe	IS 3025(Part 53)-2009	mg/l	0.22	Max 0.3
17	P.Alkalinity as CaCO <sub>3</sub>	IS 3025 (Part 23):1986(RA.2019)	mg/l	Nil	-
18	Silica as SiO <sub>2</sub>	IS 3025 PART 35 : 1988 (RA 2003)	mg/l	0.8	-
19	Cabonate Hardness as CaCO <sub>3</sub>	IS 3025(Part 21)-2009(R.2019)	mg/l	52.25	-
20	Non Carbonate Hardness as CaCO <sub>3</sub>	IS 3025 (Part 21) : 2009 (RA.2019)	mg/l	3.75	-
21	Conductivity @ 25 deg C	IS 3025 (part 14): 2013 (RA 2019)	µs/cm	95.18	-
22	Free Chlorine	IS 3025(Part 26): 2013(RA 2019)	mg/l	Nil	-

Note: Max-Maximum,Min-Minimum,NMT-Not more than, NLT Not less than,BQL-Below Quantification limit, LOQ-Limit of Quantification

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DATE:03.10.2023

### SAMPLE SUBMITTED BY CUSTOMER

SAMPLE DESCRIPTION Men's Hostel RO Water

ANALYSIS STARTED ON 30.09.2023

ANALYSIS COMPLETED ON 03.10.2023

S. NO	PARAMETERS	METHOD	UNITS	RESULTS	LIMITS
1	Total Coliform	IS 1662: 1981 ( R.1996)	MPN/100 ml	<2	<2
2	E.coli	IS 1662: 1981 ( R.1996)	MPN/100 ml	<2	<2

Note: <2 can be considered as Absent

Remarks : The above tested water sample passes to meet the requirements of drinking as per IS 10500:2012

\*\*\*\*\*END OF REPORT \*\*\*\*\*

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