



TAMILNADU TEST HOUSE PRIVATE LIMITED

www.tamilnadutesthouse.com

TEST REPORT

TEST REPORT NO: TNTH/M-3957/2023-24

DATE:03.10.2023

SAMPLE SUBMITTED BY CUSTOMER

CUSTOMER DETAILS	M/s Crescent Institute of Science & Technology
ADDRESS	Vandalur, Chennai-600 048
SAMPLE DESCRIPTION	ES Block 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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For Tamilnadu Test House Private Limited

Managing Director

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TEST REPORT NO: TNTH/M-3957/2023-24

DATE:03.10.2023

SAMPLE SUBMITTED BY CUSTOMER

SAMPLE DESCRIPTION ES Block 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)	-	7.39	6.5 to 8.5
2	Chloride as Cl ⁻	IS 3025 (Part 32)-1988 (R.2009)	mg/l	57.29	Max 250
3	Sulphate as SO ₄	IS 3025 (Part 24)-1986 (R.2009)	mg/l	16.22	Max 200
4	Total Dissolved Solids	IS 3025 (Part 16)-1984 (R.2006)	mg/l	236	Max 500
5	Total Suspended Solids	IS 3025 (P17) : 1984 (R. 2017)	mg/L	356	
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	100.80	Max 200
11	Total Magnesium Hardness	IS 3025(Part 21)-1983(R.2006)	mg/l	44.80	-
12	Total Calcium Hardness	IS 3025(Part 21)-1983(R.2006)	mg/l	56.00	-
13	Calcium as Ca	IS 3025(Part 40)-1991 (R.2009)	mg/l	22.44	Max 75
14	Magnesium as Mg	IS 3025(Part 46)-1994(R.2003)	mg/l	10.89	Max 30
15	Total Alkalinity as CaCo3	IS 3025(Part 23)-1986(R.2009)	mg/l	62.70	Max 200
16	Iron as Fe	IS 3025(Part 53)-2009	mg/l	0.34	Max 0.3
17	P.Alkalinity as CaCO ₃	IS 3025 (Part 23):1986(RA.2019)	mg/l	Nil	-
18	Silica as SiO ₂	IS 3025 PART 35 : 1988 (RA 2003)	mg/l	3.42	-
19	Cabonate Hardness as CaCO ₃	IS 3025(Part 21)-2009(R.2019)	mg/l	62.70	-
20	Non Carbonate Hardness as CaCO ₃	IS 3025 (Part 21) : 2009 (RA.2019)	mg/l	38.10	-
21	Conductivity @ 25 deg C	IS 3025 (part 14): 2013 (RA 2019)	µs/cm	416.90	-
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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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 fails to meet the requirements of drinking as per IS 10500:2012

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

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