



CHENNAI METROPOLITAN WATER SUPPLY
AND SEWERAGE BOARD
WATER AND WASTE WATER TESTING LABORATORY
QUALITY ASSURANCE WING, NEW AVADI ROAD.

TEST REPORT - DRINKING WATER Doc. No: CMWSSB/FRM/7.8/31

Report No:	TR/2023/P07	Report Issue Date:	13/12/2023	Page No	1 of 2
Challan No:	654	Challan Date:	11/12/2023	Amount (Rs)	200/-

Client Name & Address
Contact No / Email.ID
Bethel Global School
Bethel Avenue, Thiru Nagar, Chennai-62

Sample Name	: Water	Sample Description	: Drinking water
Sample Number	: P07	Sample Container	: Jerry Can
Sample Submitted by	: Customer	Location & Date	: RO Water-11/12/2023
Sample Quantity	: 2 Litres	Sample Condition	: Good
Sample Received On	: 11/12/2023	Environmental Condition	: 23.0°C - 27.0°C
Test Commenced on	: 11/12/2023	Test Completed on	: 11/12/2023

S. No	Parameters	Unit	Test Method	Result	Specification as per	
					IS 10500:2012	
					Acceptable Limit	Permissible Limit
1	Colour	HU	IS 3025: Part 4: 2021	5	5	15
2	Odour	--	IS 3025: Part 5: 2018	Agreeable	Agreeable	Agreeable
3	Turbidity	NTU	IS 3025: Part 10: 2023	2	1	5
4	pH	--	IS 3025: Part 11: 2022	7.2	6.5 To 8.5	6.5 To 8.5
5	EC	μS/cm	IS 3025: Part 14: 2013	-	-	-
6	Total Dissolved Solids	mg/L	IS 3025: Part 16: 2023	530	500	2000
7	Total Hardness as CaCO ₃	mg/L	IS 3025: Part 21: 2009	210	200	600
8	Calcium as Ca	mg/L	IS 3025: Part 40: 1991	62	75	200

---Contd---

M. Sudeep
13/12/2023
Analysed by
Water Analyst

13/12/2023
Authorised Signatory
Executive Engineer

Note:

1. The test results relate only to the items tested. & The result applied to the sample as received basis
2. The test report shall not be reproduced anywhere except in full and in the same format without the permission of the laboratory.
3. Unless informed by customer, the test items will not be retained for more than 10 days from the date of issue of the test report



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CHENNAI - 600010.

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S. No	Parameters	Unit	Test Method	Result	Specification as per IS 10500:2012	
					Acceptable Limit	Permissible Limit
9	Magnesium as Mg	mg/L	IS 3025: Part 46: 2023	30	30	100
10	Chloride as Cl	s	IS 3025: Part 32: 1988	220	250	1000
11	Total alkalinity as CaCO3	mg/L	IS 3025: Part 23: 2023	222	200	600
12	Ammonia as NH3	mg/L	IS 3025: Part 34: Sec 2: 2021	0.52	0.5	No relaxation
13	Nitrite as NO2	mg/L	IS 3025: Part 34: Sec 3: 2021	-	-	-
14	Fluoride as F	mg/L	IS 3025: Part 60: 2008	1.0	1.0	1.5
15	Sulphate as SO4	mg/L	IS 3025: Part 24: Sec 1: 2022	222	200	400
16	Iron as Fe	mg/L	IS 3025: Part 53: 2003	0.1	0.3	No relaxation
17	Albuminoid Nitrogen	mg/L	CMWSSB SOP/001	-	-	-
18	Oxygen Absorbed @ 4 Hrs	mg/L	IS 3025: Part 63: 2007	-	-	-
19	Phosphate as P	mg/L	IS 3025: Part 31: Sec 1 : 2022	-	-	-

REMARKS;

The tested sample is conformed to IS: 10500:2012 (RA: 2019) Drinking water specification with respect to above tested parameters.

-----End of Test Report-----

M. Sudha
13/12/23
Analysed by
Water Analyst

AK
13/12/2023
Authorised Signatory
Executive Engineer

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