

Dr. K.V. Subba Reddy Inst. of Technology

AUTONOMOUS



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Principal / Correspondent

Date : 27/12/2023

DEPARTMENT OF CIVIL ENGINEERING

TEST REPORT

1	Name & address of the customer	Principal, KREDO THE SCHOOL, B. Thandrapadu, Kurnool, Kurnool District
2	Site location	Kurnool
3	Sampling method	Supplied by customer
4	Material Identification	RO water
5	Date of sample receipt	16-12-2023
6	Date of sample testing	22-12-2023
7	Test done by	Dr. Jolli Reddy Om Prakash
8	Method of test (IS code)	IS 3025 and 15185
9	Condition of sample when received	Good
10	Environmental conditions :	
	a. Room temperature:	27°Celsius
	b. Relative humidity:	30%

S.no	Properties	Result	Desirable Limits
1	pH Value	6.71	6.5-8.5
2	Conductivity, $\mu\text{S}/\text{cm}$	180	---
3	Turbidity, NTU	<1	1.0Max
4	Total Dissolved Solids, mg/L	130	500 Max
5	Total Hardness as CaCO_3 , mg/L	50	200 Max
6	Calcium as Ca, mg/L	6.0	75 Max
7	Magnesium as Mg, mg/L	7.0	30 Max
8	Alkalinity as CaCO_3 , mg/L	55	200 Max
9	Chlorides as Cl, mg/L	18.0	250 Max
10	Sulphates as SO_4 , mg/L	3	200 Max
11	Nitrates as NO_3 , mg/L	0.80	45 Max
12	Iron as Fe, mg/L	0.01	1.0 Max
13	Fluoride as F, mg/L	0.1	1.0 Max
14	E.Coil /100ml	Absent	Absent
15	Coliforms / 100ml	Absent	Absent

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

Note:

1. Water sample is chemically satisfactory as per IS 10500: 2012
2. The results relate only to the items tested
3. This test report should not be reproduced except in full, without written approval of this laboratory
4. Any Corrections invalidates the test report
5. Any Query regarding the report must be reported immediately.
6. The test results furnished above are not valid for any evidence in any court of Law
7. The test results furnished above are valid for the samples supplied by the client and tested in the laboratory only

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