AH-0102010020498

WATER TESTING LABORATORY

Analytical – Biological

T.S.Regd.No.242/2021, Fssai, ISO 9001:2015 Certified Lab,
ISO 9001:2015, CertificateNo.QMS/092020/10523,
EXCISE COLONY HANMAKONDA, T.S-506001, CELL:.9912415291

Test Certificate

Name & Address of the Customer:	Lab Ref. No. : *AH004122024*
M/s Lotus National School Gouthami Nagar,Doctors Colony,Warangal-506007	Issue Date :*04/12/2024*
	Received Date : *01/12/2024;SAMPLE :CLIENT*
Sample Particulars: RO - Drinking water	*Test As per IS: 10500:2012*

Test Results

S.No.	Characteristic	Test Method	Results Mg/l	Requirement (Acceptable Limit)
1.	pH Value	IS:3025(pt-11)	6.8	6.0 – 8.50
2.	Electrical Conductivity, µS/cm	APHA	160	N.A
3.	TDS,	IS:3025(pt-16)	80	1000[Max]
4.	Turbidity(NTU)	IS:3025(pt-10)	<1NTU	2.0 NTU[Max]
5.	Total Hardness	IS:3025(pt-21)	20	200mg/lit[Max]
6.	Fluoride	IS:3025(pt-23)	NIL	<0.2
7.	Calcium	IS:3025(pt-40)	7.1	75mg/lit[Max]
8.	Magnesium	IS:3025(pt-46)	2.2	30mg/lit[Max]
9.	Sodium	IS:3025(pt-45)	1.9	N.A
10.	Potassium	IS:3025(pt-45)	0.1	N.A
11.	Chlorides	IS:3025(pt-32)	3.8	200mg/lit[Max]
12.	Sulphate	IS:3025(pt-24)	0.07	200mg/lit[Max]
13.	Nitrate	IS:3025(pt-34)	0.1	45mg/lit[Max]
14.	Iron	IS:3025(pt-53)	0	0.1mg/lit[Max]
15.	Colour	IS:3025(pt-4)	<1TCU	2TCU[max]

MICROBILOGICAL

1.	Total coli form Bacteria / 100ml	IS:15185:2002	ABSENT	ABSENT
2.	Escherichia coli / 100ml	IS:15185:2002	ABSENT	ABSENT
3.	Aerobic Microbial count	IS:15185:2002	22°c/0- -37°c/0	22°c/100 - 37°c/20
4.	Endo toxin	AAMI Standard metod	0.001	<0.25 EU/ML

Note: 1. Total No. of Tests Nineteen only. **Authorised on 5th December 2024;10:00hrs**

This is the computer-generated report

Authorised Signature

SRINIVAS PAGADALA

Chemist Cum Microbiologist

[M.SC.MICROBIOLOGY]