

**TEST REPORT**

**ISSUED TO:**

M/s. Sri Sai Saraswathi Vidyanikethan School.,  
 Sri Krishna Nagar,  
 Yousuf guda, Hyderabad.

Issue Date: 01.04.2024

<b>Sample Registration No:</b> 1228/03/24-001	<b>ULR:</b> TC127422400001981F
<b>Sample Collection Date:</b> 27.03.2024	<b>Sample Registration Date:</b> 27.03.2024
<b>Analysis Starting Date:</b> 27.03.2024	<b>Analysis Completed Date:</b> 01.04.2024
<b>Sample Description:</b>	
<b>Discipline:</b> Chemical	
<b>Group:</b> Water	
<b>Sample Particulars:</b> R O Water	
<b>Sample Quantity &amp; Condition:</b> 1L x1 No & Intact	
<b>Sample Collected By:</b> Care Labs Representative (Kalpana)	<b>Lab Ref:</b> CL/W/1228/03/24-001/24

**TEST RESULTS**

S.No	TEST PARAMETERS	TEST METHOD	UNITS	RESULTS	Acceptable Limits (As Per IS: 10500:2012)
1.	pH	APHA-4500H <sup>+</sup> -B	Not Specified	6.5	6.5 – 8.5
2.	Color	APHA-2120-C	Pt-Co	1.0	Max. 5.0
3.	Electrical Conductivity	APHA-2510-B	µs/cm	37	Not Specified
4.	Turbidity	APHA-2130-B	NTU	< 1.0	Max. 1.0
5.	Total Dissolved Solids	APHA-2540-C	mg/l	24	Max. 500
6.	Total Hardness as CaCO <sub>3</sub>	APHA-2320-B	mg/l	10	Max. 200
7.	Calcium as Ca	APHA-3500Ca-B	mg/l	2.0	Max. 75
8.	Magnesium as Mg	APHA-3500Mg-B	mg/l	1.2	Max. 30
9.	Total Alkalinity as CaCO <sub>3</sub>	APHA-2540-C	mg/l	8.0	Max. 200
10.	Chlorides as Cl	APHA-4500Cl-B	mg/l	6.0	Max. 250
11.	Sodium as Na	APHA-3500Na-B	mg/l	3.0	Not Specified
12.	Potassium as K	APHA-3500K-B	mg/l	<1.0	Not Specified
13.	Sulphates as SO <sub>4</sub>	IS:3025(Pt-24)	mg/l	2.4	Max. 200
14.	Nitrates as NO <sub>3</sub>	APHA-4500NO <sub>3</sub> -B	mg/l	1.1	Max. 45
15.	Iron as Fe	APHA-3500Fe-B	mg/l	< 0.01	Max. 0.3
16.	Fluoride as F	APHA4500F-D	mg/l	<0.10	Max. 1.0

IS-Indian Standard., APHA - American Public Health Association.

Reviewed by  
  
 (T. Jyothi)



  
 Authorized Signatory  
 (P. Mamatha)  
 Technical Manager

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<b>Analysis Starting Date:</b> 27.03.2024	<b>Analysis Completed Date:</b> 01.04.2024
<b><u>Sample Description:</u></b>	
<b>Discipline:</b> Biological	
<b>Group:</b> Water	
<b>Sample Particulars:</b> RO Water	
<b>Sample Quantity &amp; Condition:</b> 1L x1 No & Intact	<b>Lab Ref No.:</b> CL/MIC-W/1228/03/24-001/24
<b>Sample Collected By:</b> Care Labs Representative (Kalpana)	<b>Sampling Procedure:</b> CL/HYD/MIC/SOP/16

**TEST RESULTS**

S.No	TEST PARAMETERS	TEST METHOD	UNITS	RESULTS	Acceptable Limits (As Per IS: 10500:2012)
1.	Total Bacterial Count	IS 1622: 1981	Cfu/ml	16	Not Specified
2.	Coliforms	IS 1622: 1981	MPN/ 100ml	<2	Absent/100ml
3.	Escherichia coli	IS 1622: 1981	MPN/ 100ml	<2	Absent/100ml

CFU - Colony Forming Units, IS-Indian Standard.

~ END OF THE REPORT~

Reviewed by  
  
 (T. Jyothi)



  
 Authorized Signatory  
 (P. Mamatha)  
 Technical Manager