

**TEST REPORT**

**ISSUED TO:**

**SRI SAI SARASWATHI  
 VIDYANIKETHAN,**  
 Sri Krishna Nagar,  
 Yousufguda.

**Issue Date: 07.08.2021**

<b>Sample Registration No:</b> 7569/08/21-001	<b>Sample Registration Date:</b> 02.08.2021
<b>Sample Collection Date:</b> 02.08.2021	<b>Analysis Completion Date:</b> 07.08.2021
<b>Analysis Starting Date:</b> 02.08.2021	
<b>Sample Description:</b>	
<b>Discipline:</b> Chemical & Biological	
<b>Group:</b> Water	
<b>Sample Particulars:</b> RO Water	
<b>Sample Quantity &amp; Condition:</b> 1 L x1 No & Intact	
<b>Sample Collected By:</b> Care Labs Representative (Ms. Prasanna)	<b>Lab Ref:</b> CL/W/C/7569/08/21-001/21

**TEST RESULTS**

S.No	TEST PARAMETERS	TEST METHOD	UNITS	RESULTS	Acceptable Limits (As Per IS: 10500:2012)
1.	Color	APHA-2120-B	Hazen	1.0	Max. 5.0
2.	Total Dissolved Solids	APHA-2540-B	mg/l	76	Max. 500
3.	Total Hardness as CaCO <sub>3</sub>	APHA-2340-B	mg/l	10	Max. 200
4.	Calcium as Ca	APHA-3120-B	mg/l	24.6	Max. 75
5.	Magnesium as Mg	APHA-3120-B	mg/l	11.8	Max. 30
6.	Chlorides as Cl	APHA-4500Cl-C	mg/l	134	Max. 250
7.	Sodium as Na	APHA-3120-B	mg/l	116	--
8.	Potassium as K	APHA-3120-B	mg/l	6.0	--
9.	Sulphates as SO <sub>4</sub>	APHA-4500SO <sub>4</sub> -C	mg/l	32.6	Max. 200
10.	Nitrates as NO <sub>3</sub>	APHA-4500NO <sub>3</sub> -C	mg/l	15.2	Max. 45
11.	Iron as Fe	APHA-3120-B	mg/l	0.04	Max. 0.3
12.	Fluoride as F	APHA-4500F-E	mg/l	0.6	Max. 1.0
<b>MICROBIOLOGICAL ANALYSIS</b>					
13.	Total Bacterial Count at 36°C	ISO 6222	Cfu/ml	--	--
14.	Coliforms	ISO 9308-1	Per/100ml	Absent	Absent/100ml
15.	Escherichia. Coli	ISO 9308-1	Per/100ml	Absent	Absent/100ml

  
 Checked By



  
 Authorized Signatory

IS- Indian Standard, **APHA**- American Public Health Association,  
 ISO- International Organization for Standardization, **CFU**- Colony forming units.

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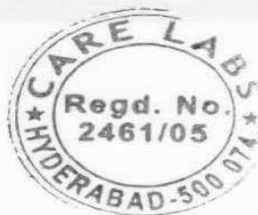
**Sample Collected By:** Care Labs Representative (Ms. Prasanna)      **Lab Ref:** CL/W/C/7569/08/21-001/21

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S.No	TEST PARAMETERS	TEST METHOD	UNITS	RESULTS	Acceptable Limits (As Per IS: 10500:2012)
1.	pH	APHA-4500-H <sup>+</sup> -B	--	8.3	6.5 – 8.5
2.	Electrical Conductivity	APHA-2510-B	µs/cm	--	--
3.	Turbidity	APHA-2130-B	NTU	0.3	Max. 1.0
4.	Total Alkalinity as CaCO <sub>3</sub>	APHA-2320-B	mg/l	--	Max. 200

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