

Recognized by Ministry of Environment Forest &
Climate Change, Govt. of India
An NABL Accredited Laboratory, Chemical & Biological Scope.
Approved by Food Safety Standards Authority of
India (FSSAI) Govt. of India

An ISO 45001 : 2018 Certified Laboratory

Corp. off.: # 3-11-482/2, Plot No.1, 3rd Floor, Sai Sadan Complex, Above Punjab National Bank, Shiva Ganga Colony, L.B. Nagar, Hyd-500 074 Branch Office: Bangalore & Vijayawada.

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TEST REPORT

ISSUED TO: SRI SAI SARASWATHI VIDYANIKETHAN, Sri Krishna Nagar, Yousufguda.

Sample Registration No: 7569/08/21-001

Sample Collection Date: 02.08.2021 Analysis Starting Date: 02.08.2021

Sample Description:

Discipline: Chemical & Biological

Group: Water

Sample Particulars: RO Water

Sample Quantity & Condition: 1 L ×1 No & Intact

Sample Collected By: Care Labs Representative (Ms. Prasanna)

Issue Date: 07.08.2021

Sample Registration Date: 02.08.2021 **Analysis Completion Date:** 07.08.2021

Lab Ref: 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 ₃	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-4500CI-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 ₄	APHA-4500SO ₄ -C	mg/l	32.6	Max. 200			
10.	Nitrates as NO ₃	APHA-4500NO ₃ -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			
MICROBIOLOGICAL ANALYSIS								
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			





Authorized Signatory



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

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1.	рН	APHA-4500-H+-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 CaCO₃	APHA-2320-B	mg/l		Max. 200

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



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