

An ISO 45001: 2018 Certified Laboratory

(Estd: 2005)

Recognized by Ministry of Environment Forest & Climate Change, Govt. of India An NABL Accredited Laboratory in Chemical & Biological. Food Safety Standards Authority of India, Govt. of India



Corp. off.: # 3-11-482/2, Plot No.1, 3rd Floor, Sai Sadan Complex, Shiva Ganga Colony,

Issue Date: 05.06.2025

L.B. Nagar, Hyd - 500 074.

Cell : +91 99663 75550, 9347237845

E-mail: mail2carelabs@gmail.com

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TEST REPORT

ISSUED TO:

M/s. Ryan School.,

Sy. No. 183, Kalajyothi Road, Masjid Banda,

Kondapur, Hyderabad, 500084.

Sample Registration No: 2405/06/25-001 ULR: TC127422500003866F

Sample Collection Date: 02.06.2025 Sample Registration Date: 02.06.2025 **Analysis Starting Date: 02.06.2025 Analysis Completion Date:** 05.06.2025

Sample Description: Discipline: Chemical

Group: Water

Sample Particulars: Drinking Water

Sample Quantity & Condition: 1 L x1 No & Intact Lab Ref: CL/W/2405/06/25-001/25

Sample Received By: Care Labs Representative (Manisharanya) Sampling Procedure: CL/HYD/CHE/SOP/W/30

TEST RESULTS

<u>1E31 KE3UL13</u>								
TEST PARAMETERS	TEST METHOD	UNITS	RESULTS	Acceptable Limits (As Per IS: 10500:2012)				
рН	APHA-4500H ⁺ -B		7.8	6.5 – 8.5				
Color	APHA-2120-C	Pt-Co	1.0	Max. 5.0				
Electrical Conductivity	APHA-2510-B	μs/cm	169					
Turbidity	APHA-2130-B	NTU	1.0	Max. 1.0				
Total Dissolved Solids	APHA-2540-C	mg/l	110	Max. 500				
Total Hardness as CaCO3	APHA-2340-C	mg/l	30	Max. 200				
Calcium as Ca	APHA-3500Ca-B	mg/l	6.0	Max. 75				
Magnesium as Mg	APHA-3500Mg-B	mg/l	3.6	Max. 30				
Total Alkalinity as CaCO3	APHA-2320-B	mg/l	46	Max. 200				
Chlorides as Cl	APHA-4500CI-B	mg/l	30	Max. 250				
Sodium as Na	APHA-3500Na-B	mg/l	20					
Potassium as K	APHA-3500K-B	mg/l	4.0					
Sulphates as SO4	IS:3025(Pt-24)	mg/l	10.8	Max. 200				
Nitrates as NO3	APHA-4500NO3-B	mg/l	13.5	Max. 45				
Iron as Fe	APHA-3500Fe-B	mg/l	0.01	Max. 0.3				
Fluoride as F	APHA4500F-D	mg/l	0.20	Max. 1.0				
	pH Color Electrical Conductivity Turbidity Total Dissolved Solids Total Hardness as CaCO3 Calcium as Ca Magnesium as Mg Total Alkalinity as CaCO3 Chlorides as Cl Sodium as Na Potassium as K Sulphates as SO4 Nitrates as NO3 Iron as Fe	TEST PARAMETERS PH APHA-4500H ⁺ -B Color APHA-2120-C Electrical Conductivity APHA-2510-B Turbidity APHA-2130-B Total Dissolved Solids APHA-2540-C Total Hardness as CaCO3 APHA-2340-C Calcium as Ca APHA-3500Ca-B Magnesium as Mg APHA-3500Mg-B Total Alkalinity as CaCO3 APHA-2320-B Chlorides as Cl APHA-4500Cl-B Sodium as Na APHA-3500K-B Sulphates as SO4 IS:3025(Pt-24) Nitrates as NO3 APHA-4500NO3-B Iron as Fe APHA-3500Fe-B	TEST PARAMETERS PH APHA-4500H ⁺ -B Color APHA-2120-C Electrical Conductivity APHA-2510-B Turbidity APHA-2130-B NTU Total Dissolved Solids APHA-2540-C Total Hardness as CaCO3 APHA-2340-C Magnesium as Mg APHA-3500Ca-B Magnesium as Mg APHA-3500Mg-B Magnesium as Mg APHA-4500Cl-B Chlorides as Cl APHA-3500Na-B Sodium as Na APHA-3500Na-B APHA-3500Na-B APHA-3500K-B APHA-3500Na-B Mg/l Sulphates as SO4 IS:3025(Pt-24) Mg/l Iron as Fe APHA-3500Fe-B Mg/l	TEST PARAMETERS TEST METHOD UNITS RESULTS pH APHA-4500H ⁺ -B 7.8 Color APHA-2120-C Pt-Co 1.0 Electrical Conductivity APHA-2510-B μs/cm 169 Turbidity APHA-2130-B NTU 1.0 Total Dissolved Solids APHA-2540-C mg/l 110 Total Hardness as CaCO3 APHA-2340-C mg/l 30 Calcium as Ca APHA-3500Ca-B mg/l 6.0 Magnesium as Mg APHA-3500Mg-B mg/l 3.6 Total Alkalinity as CaCO3 APHA-3500Mg-B mg/l 46 Chlorides as Cl APHA-4500Cl-B mg/l 30 Sodium as Na APHA-3500Na-B mg/l 20 Potassium as K APHA-3500K-B mg/l 4.0 Sulphates as SO4 IS:3025(Pt-24) mg/l 10.8 Nitrates as NO3 APHA-3500Fe-B mg/l 0.01				

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

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Authorized Signatory



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Sample Description: Discipline: Biological

Group: Water

Sample Particulars: Drinking Water

Sample Quantity & Condition: 1 L x1 No & Intact Lab Ref No.: CL/MICW/2405/06/25-001/25

Sample Received By: Care Labs Representative (Manisharanya) Sampling Procedure: 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 5402 : 2012	Cfu/ml	24	Not Specified
2.	Coliforms	IS 15185 : 2016	Per 100ml	Absent	Absent/100ml
3.	Escherichia coli	IS 15185 : 2016	Per 100ml	Absent	Absent/100ml

IS-Indian Standard, CFU-Colony Forming Unit.

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~ END OF THE REPORT~

(Microbiologist)



T. Hima Samhitha

(Sr. Microbiologist)