



RURAL DRINKING WATER & SANITATION DEPARTMENT, GoK
Water Quality Testing Laboratory, Dakshina Kannada Division
2nd Floor Dakshina Kannada Zilla Panchayath Building, Kottara-575006
Email:rdwsd.wqmsp.mangalore@gmail.com

Tel: 0824-2999893

TEST REPORT

Address of the sample Collection location

Loreto English Medium High School
Amtady Village, Bantwal Taluk
Dakshina Kannada.

Report date: 28.07.2025

Report Number: W/2025/JUL0018

Reference: Test Request Form

Sample receipt date: 21.07.2025

Sample code: MGL25170

Date of Sample collection: 21.07.2025

Analysis start date: 21.07.2025

Analysis completion date: 25.07.2025

Sample Particulars: Openwell Water Sample for Chemical Analysis

Sample quantity: 1 Liter

Sl.No	Parameters	Unit	IS 10500:2012(RA:2023)		DL	Result	Test Method
			Acceptable Limit	Permissible Limit			
Sample Appearance: Turbid							
1.	Colour	HU	5	15	1	1	IS 3025 (Part 4): 2021
2.	Odour	NA	Agreeable	Agreeable	-	Agreeable	IS 3025 (Part 5): 2018
3.	pH @ 25°C	NA	6.5 – 8.5	No relaxation	3	6.62	IS 3025 (Part-11) : 2022
4.	Turbidity	NTU	1	5	0.1	11	IS 3025 (Part-10) : 2023
5.	Specific Conductance @25°C	µS/cm	—	—	10	240	IS 3025 (Part-14) : 2013 RA:2019
6.	Total Dissolved Solids @180°C	mg/l	500	2000	8	164	IS 3025(Part 16): 2023
7.	Total Alkalinity as CaCO ₃	mg/l	200	600	20	90	IS 3025 (Part-23) : 2023
8.	Total Hardness as CaCO ₃ ,	mg/l	200	600	20	102	IS 3025 (Part-21) : 2009 RA:2023
9.	Calcium as Ca	mg/l	75	200	8	21	IS 3025 (Part-40) : 2024
10.	Magnesium as Mg	mg/l	30	100	5	12	IS 3025 (Part-46) : 2023
11.	Chloride as Cl	mg/l	250	1000	10	12	APHA 24 th Edition 4500-F: D
12.	Fluoride as F	mg/l	1	1.5	0.1	BDL	APHA 24 th Edition 4500-SO ₄ ²⁻ E
13.	Sulphate as SO ₄	mg/l	200	400	2.0	28.64	APHA 24 th Edition 4500-NO ₃ -B
14.	Nitrate as NO ₃	mg/l	45	No relaxation	0.5	BDL	IS 3025 (Part-53) : 2024
15.	Total Iron as Fe	mg/l	1	No relaxation	0.1	1.05	

Inference: The above tested parameters are within the acceptable limit except Iron. Whereas Turbidity is exceeding the permissible limit as per IS 10500:2012 (RA: 2023) drinking water specification.

NA: Not Applicable BDL: Below Detection Limit HU: Hazen Unit NTU: Nephelometric Turbidity Unit DL: Detection Limit

Verified By
(Suvasini, Jr. Analyst)

RDWSD/WQMSP/TeR/01

Authorized Signatory
(Vijayalakshmi, Technical Manager)

End of the Report

Note:

1)The above results relate only to the sample tested. 2) The report shall not be reproduced or distributed in any form without the prior approval of the laboratory. 3) Samples will be discarded after 15 days from the date of report generation.4) Sample collection not done by the Laboratory.





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TEST REPORT			
Address of the sampling location: Loreto English Medium High School Amtady Village, Bantwal Taluk Dakshina Kannada.		Report date: 28.07.2025 Report Number: W/2025/JUL0018 Reference: Sample Receipt Form Sample code: MGL25170 Date of Sample Collection: 21.07.2025 Sample Receipt date: 21.07.2025 Analysis start date: 21.07.2025 Analysis completion date: 23.07.2025	
Sample Particulars: Openwell Water Sample for Bacteriological Analysis		Sample quantity: 1 Liter	
Sl.No	Test	Results	Test Method
1.	Bacteriological Test by H ₂ S Vials	Absent	In House Method by using H ₂ S Vials Method
Remarks: The above tested result indicates presumptive test only. This test is carried out using H ₂ S Vials (Strip Method).			
 Verified By (Suvasini, Jr. Analyst)		 Authorized Signatory (Vijayalakshmi, Technical Manager)	

Note:

- 1) The sample drawn by the Customer.
- 2) The report shall not be reproduced except in full without the prior approval of the Engineer
- 3) Samples will be discarded after 1 day from the date of report generation.

*****End of the report*****



PROFORMA FOR SAFE DRINKING WATER AND SANITARY CONDITION CERTIFICATE

No. W/2025/JUL0018

Dated : 28-07-2025

It is certified that an inspection team headed by **Vijayalakshmi Technical Manager** from Rural Drinking Water & Sanitation Department, GoK Water Quality Testing Laboratory, Dakshina Kannada Division Mangaluru inspected the **Loreto English Medium High School, Loreto Post , Amtady Village, Bantwal Taluk 574211** on 25-07-2025 , checked the water test report submitted by the school has potable drinking water for students and staff of the institution and is having provision for running water in the toilets and maintaining hygienic sanitation condition in the school building & the campus as per norms prescribed by the Central /State/ U.T.Govt. The above is valid for a period of **one year**

Signature with Seal: Sd by/

Name : **Vijayalakshmi**

Designation : **Technical Manager**

Assistant Engineer of

The Govt. Public Health Department(PHED)/

Authorised officer of the Local Body

Name & Address of the Office / Department

Rural Drinking Water & Sanitation Department, GoK
Water Quality Testing Laboratory, Dakshina Kannada Division
Dakshina Kannada Zilla Panchayath Building, Kottara,
Mangaluru 575006

To

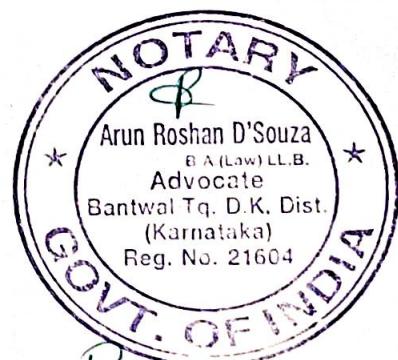
The Principal

Loreto English Medium High School

Loreto, Bantwal Taluk



MANAGER
Loreto English Medium High School
CBSE Affiliation No.: 831368
School Code: 47005
Loreto, Bantwal, D.K, Karnataka-574211



ARUN ROSHAN D'SOUZA
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04/08/2025