



QUALITY CONTROL SUB DISTRICT LABORATORY
KERALA WATER AUTHORITY
RANNI, PATHANAMTHITTA

NABL Recognized Sub Divisional Level Government Drinking Water Testing Laboratory)
 Telephone No: 04735 294249 , Email : kwqcsdlrni@gmail.com

TEST REPORT

Certificate Number : NABL-DWT-00979
 Report No: 342/RNI/05/2026 Date 14.05.2026

Customer Name & Address ST MARYS CENTRAL SCHOOL PAZHAVANGADI P O RANNI	1.Date of Payment Received	11.05.2026
	2. Date of Sample Received	12.05.2026
	3. Time of Sampling	11.30 A M
	4. Sampling done by	CUSTOMER
	5. Sample Code	2026/QCSDL/RNI/R1284
	6. Source of Sample	WELL
	7. Sampling procedure	Not Applicable
	8. Sample Quantity	2 LITRE
	9. Test performing dates	: From 12.05.2026 to 14.05.2026

Sl. No	Characteristics	Unit	Test Method	Maximum acceptable limits as per IS 10500-2012	Limit of Quantification (LOQ)	Result
1	Colour	HU	APHA 24 th Edition 2120-B(Visual comparison method)	5	1 HU	1
2	Odour		IS 3025(part-5)-2018		Qualitative Agreeable/Disagreeable	Agreeable
3	Taste		IS 3025(part - 8)-2023		Qualitative Agreeable/Disagreeable	Disagreeable
4	Turbidity	NTU	IS 3025(part-10)-2023	1	0.5 NTU	0.55
5	pH at 25°C		IS 3025(part-11)-2022	6.5-8.5	2	6.83
6	Total Alkalinity (as CaCO ₃)	mg/L	IS 3025(part - 23)-2023	200	5mg/L	<5
7	Total Dissolved Solids (TDS)	mg/L	IS 3025(part-23)-2023	500	5mg/L	23.33
8	Total Hardness (as CaCO ₃)	mg/L	IS 3025(part-21)-2009 (Reaffirmed 2023)	200	5mg/L	8
9	Calcium(as Ca)	mg/L	IS 3025(part-40)-2024	75	5mg/L	<5
10	Magnesium (as Mg)	mg/L	APHA 24 th Edition 3500 - Mg B (Calculation method)	30	5mg/L	<5
11	Chloride(as Cl)	mg/L	IS 3025(part-32)-2025	250	5mg/L	12.98

Remarks:-
 NB -The results stated above related only to the sample(s)submitted for testing. This test Certificate shall not be reproduced except in full without the written approval of the Laboratory
 Samples will be retained only for 7 days after completion of analysis
 NT -Not Tested (Due to safety issues)

Authorized by

Name SHYFA MOL M I
 Technical Manager

QUALITY CONTROL SUB DISTRICT LABORATORY
 KERALA WATER AUTHORITY
 RANNI

Rev. Date: 00.00.0000

MANAGER
 ST. MARY'S CENTRAL SCHOOL
 PAZHAVANGADI P.O.
 RANNI - 689 673

Dr. CILLA ABRAHAM
 PRINCIPAL

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Issue Date: 03.01.2026 Rev. No:00



QUALITY CONTROL SUB DISTRICT LABORATORY

KERALA WATER AUTHORITY RANNI, PATHANAMTHITTA

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TEST REPORT

Certificate Number : NABL-DWT-00979

Report No: 342/RNI/05/2026	Date 14.05.2026
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Customer Name & Address ST MARYS CENTRAL SCHOOL RANNI	1.Date of Payment Received	11.05.2026
	2. Date of Sample Received	12.05.2026
	3. Time of Sampling	11.10 A M
	4. Sampling done by	CUSTOMER
	5. Sample Code	2026/QCSDL/RNI/R1284
	6. Source of Sample	WELL
	7. Sampling procedure	Not Applicable
	8. Sample Quantity	200 ml
	9.Test performing dates : From	12.05.2026 to 14.05.2026

BACTERIOLOGICAL ANALYSIS

Sl. No	Parameters	Acceptable limits as per IS 10500-2021	Test Method	Result
12	Total Coliform	Shall not be detected/100 ml	IS 15185:2016 (Reaffirmed 2021)	PRESENT
13	E.coli	Shall not be detected/100 ml	IS 15185:2016 (Reaffirmed 2021)	ABSENT

Remarks:-

NB:-The results stated above related only to the sample(s) submitted for testing. This test Certificate shall not be reproduced except in full without the written approval of the Laboratory.

Authorised by

Name : THASNI SALIM S

Technical Manager

Dr. CILLA ABRAHAM
PRINCIPAL

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** End of Report **

QUALITY CONTROL SUB DISTRICT LABORATORY
KERALA WATER AUTHORITY
RANNI

MANAGER
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QUALITY CONTROL SUB DISTRICT LABORATORY
KERALA WATER AUTHORITY
RANNI, PATHANAMTHITTA

Telephone No: 04735 294249 , Email : kwacsdlrni@gmail.com

TEST REPORT

Report No: 342/RNI/05/2026	Date 14.05.2026
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ST MARYS CENTRAL SCHOOL PAZHAVANGADI P O RANNI	1.Date of Payment Received	11.05.2026
	2. Date of Sample Received	12.05.2026
	3. Time of Sampling	11.30 A M
	4. Sampling done by	CUSTOMER
	5. Sample Code	2026/QCSDL/RNI/R1284
	6. Source of Sample	WELL
	7. Sampling procedure	Not Applicable
	8. Sample Quantity	2 LITRE
	9. Test performing dates : From 12.05.2026 to 14.05.2026	

Sl. No	Characteristics	Unit	Test Method	Maximum acceptable limits as per IS 10500-2012	Limit of Quantification (LOQ)	Result
1	Electrical Conductivity at 25° C	micro S/cm	IS 3025(part-14)-2013 (Reaffirmed 2023)		10µS/cm	39.07
2	Acidity	mg/L	IS 3025(part-22)-2024		5mg/L	6.03
3	Sulphate (as SO ₄)	mg/L	IS 3025(part-24/sec1)-2022	200	1mg/L	<5
4	Fluoride (as F)	mg/L	Kit Method	1	0.1mg/L	<0.1
5	Iron (as Fe)	mg/L	IS 3025(part-53)-2024	1	0.1mg/L	1.38
6	Nitrate (as NO ₃)	mg/L	Kit Method	45	0.0mg/L	0.0
7	Residual chlorine	mg/L	Kit Method	0.2		NIL

Remarks:-

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Authorized by

Name: SHYFA MOL M I
 Technical Manager

QUALITY CONTROL SUB DISTRICT LABORATORY
 KERALA WATER AUTHORITY
 RANNI

Page 1 of 1
 ** End of Report **

Dr. CILLA ABRAHAM
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