



KERALA WATER AUTHORITY  
QUALITY CONTROL SUB DISTRICT LAB  
KALPETTA, WAYANAD  
Ph: 04936-293752  
E-mail: qcsubkalpetta@gmail.com

[ NABL Recognition Of Government Drinking Water Testing Laboratory ]  
Certificate No: NABL-DWT-00974

**TEST REPORT**

ULR No-KAL25040000000340

Report No -KWA/QCSDL/KAL/QUA\_216336/2025

Date of Dispatch: 07/04/2025

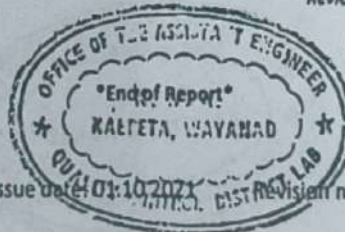
Customer Name & Address  E M R S POOKODE	1. Sample received on	07/04/2025
	2. Sample description	: Drinking water
	3. Sample condition	: Unsealed
	4. Sampling done by	: By Party
	5. Sample code	: 216336
	6. Source of sample	: OPEN WELL
	7. Sample quantity	: 1 L
	8. Page no.	: Page 1 of 2
Contact No: 9544185880	9. Test performing dates	From: 02/04/2025 To: 07/04/2025

Sl No	Characteristics	Unit	Test Method	Limits as per IS 10500-2012		Result
				Acceptable limit	Permissible limit	
1	Colour	Hazen Unit (HU)	IS 3025 (part 4)-2021 (Platinum Cobalt- Visual Comparison)	-		BDL
2	Odour		IS 3025 (part 5)-2018	Agreeable	Agreeable	Agreeable
3	Taste		IS 3025 (part 8)- 1984	Agreeable	Agreeable	Agreeable
4	Turbidity	NTU, max	IS 3025 (part 10)- 2023 (Nephelometric method)	1	5	0.09
5	pH at 25 °C		IS 3025 (part 11)- 2022 (Electrometric Method)	6.5 to 8.5	6.5 to 8.5	6.33
6	Alkalinity	mg/litre, max	IS 3025 (part 23)-1986 (Indicator Method)	200	600	16.56
7	Total Dissolved Solids (TDS) at 180 °C	mg/litre, max	IS 3025 (part 16)-2023 (Gravimetric method)	500	2000	21
8	Total Hardness (as CaCO <sub>3</sub> )	mg/litre, max	IS 3025 (part 21)-2009 (EDTA Method)	200	600	14.7
9	Calcium (as Ca)	mg/litre, max	IS 3025 (part 40)-1994 (EDTA Method)	75	200	3.2
10	Magnesium (as Mg)	mg/litre, max	IS 3025 (part 46)-1994 (Volumetric Method Using EDTA)	30	100	1.94
11	Chloride (as Cl)	mg/litre, max	IS 3025 (part 32)-1988 (Argentometric Method)	250	1000	3.91

NB:-1) The results reported relate only to the samples received and tested. This test report shall not be reproduced except in full without the written approval of the Laboratory. 2) Retention days of sample is 5 days

Analyzed By:   
ADITHYA U P

Reviewed And Authorized By:   
DEPUTY QUALITY MANAGER  
Quality Control Sub District Laboratory  
Kalpetta, Wayanad



Attested  
SPS  
10-04-2025  
Principal  
Eklavya Model Residential School  
Pookode, Lakkidi P.O.,  
Wayanad, Kerala-673 576

KWA/QCSDL/KAL/F/04 Issue: 01 Issue date: 01-10-2023 Revision no.: 01

Revision date: 00



**KERALA WATER AUTHORITY**  
**QUALITY CONTROL SUB DISTRICT LABORATORY**  
**KALPETTA, WAYANAD**  
**PHONE: 04936-293752**  
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	7. Sample quantity	: 1 L
	8. Page no.	: Page 2 of 3
Contact No: 9544185880	9. Test performing dates	From: 02/04/2025 To: 07/04/2025

Sl. No	Characteristics	Unit	Test Method	Acceptable limits as per IS 10500-2012	Result
12	Electrical conductivity at 25°C	(micro mhos/cm)	IS 3025 (part 14)-2013 (Wheatstone Bridge Conductance Cell Method)		35
13	Acidity	(mg/litre)	IS 3025 (part 22)-1986 (Indicator Method)		9
14	Sulphate (as SO <sub>4</sub> )	(mg/litre)	IS 3025 (PART 24)-1986 (Turbidity Method)	200	BDL
15	Phosphate (as PO <sub>4</sub> )	(mg/litre)	IS 3025 (PART 31)-2008 (Spectrophotometric method)		-
16	Fluoride (as F)	(mg/litre)	IS 3025 (part 60)-2008 (Spectrophotometric method)	1.0	BDL
17	Iron (as Fe)	(mg/litre)	IS 3025 (part 53)-2003 (Spectrophotometric method)	1.0	0.04
18	Nitrate (as NO <sub>3</sub> )	(mg/litre)	IS 3025 (part 34)-1988 (Spectrophotometric method)	45	10
19	Residual Chlorine	(mg/litre)	IS 3025 (part 26)-1986 (Stabilised Neutral O-Toluidine Method)	0.2	-

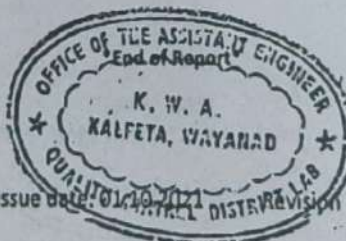
ND:-1) The results reported relate only to the samples received and tested. This test report shall not be reproduced except in full without the written approval of the Laboratory. 2) Retention days of sample is 5 days

Analyzed By:

ADITHYAN P

Reviewed and Authorized By:

**DEPUTY QUALITY MANAGER**  
 Quality Control Sub District Laboratory  
 Kalpetta, Wayanad



KWA/QCSDL/KAL/F/04 Issue: 01 Issue date: 01/10/2021 Revision no.: 01

Revision date: 00

*Attestech*  
*SPS*  
**Principal**  
 Eklavya Model Residential School  
 Pookode, Lakkidi P.O.,  
 Wayanad, Kerala-673 576





# KERALA WATER AUTHORITY

QUALITY CONTROL SUB DISTRICT LABORATORY

KALPETTA, WAYANAD

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## TEST REPORT

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	3. Sample condition	: Unsealed
	4. Sampling done by	: By Party
	5. Sample code	: 216336
	6. Source of sample	: OPEN WELL
	7. Sample quantity	: 100 ml
	8. Page no.	: Page 3 of 3
Contact No: 9544185880	9. Test performing dates	From: 02/04/2025 To: 07/04/2025

Sl. No	Characteristics	Unit	Test Method	Acceptable limits as per IS 10500-2012	Result
1	Coliforms	CFU/100 ml	IS 15185(part1) 2002 reaffirmed 2016	Shall not be detectable in any 100ml sample	NIL
2	E coli	CFU/100 ml	IS 15185(part1) 2002 reaffirmed 2016	Shall not be detectable in any 100ml sample	NIL

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2) Retention days of sample is 5 days

Authorized Micro Biologist



KWA/QCSDL/KAL/F/04 Issue: 01 Issue date: 07/10/2024 Revision no.: 01

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Attested  
SP  
10-04-2025

प्राचार्य, Principal  
Eklavya Model Residential School  
Pookode, Lakkidi P.O.,  
Wayanad, Kerala-673 576

# Annexure C

Appendix-XIII

## PROFORMA FOR SAFE DRINKING WATER AND SANITARY CONDITION CERTIFICATE

No. 20/25/2025-26

Dated: 10.04.2025

It is certified that an inspection team headed by Health Inspector  
(Name of Officers with designation) from FHC Sugandhagiri  
(Name of Department/ Office) inspected the Ekalavya Model Residential School  
(Name & Address of the school) on 10/4/25 (date of inspection), checked the water test report  
submitted by the school and found that 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 1 year

The water sample should be  
tested in 6 months interval  
and the copy of the same submitted  
in this office without fail.

HEALTH INSPECTOR  
PRIMARY HEALTH CENTRE  
SUGANDHAGIRI

Name :

Designation :

Assistant Engineer of  
the Govt. Public Health Department (PHED)/  
Authorised officer of the Local Body

Name & Address of the Office / Department : .....

To

Ekalavya Model Residential  
School, Pookode

(Name & Address of the Institution)

\* The filled up certificate should be either in Hindi or English. If it is issued in vernacular language,  
translated notarized version in English be uploaded along with the original vernacular certificate  
as a single pdf.

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Attested  
S.P.S.  
10-04-2025  
Principal  
Ekalavya Model Residential School  
Pookode, Lakkidi P.O.,  
Wayanad, Kerala-673 576