



**KERALA WATER AUTHORITY  
QUALITY CONTROL DISTRICT LABORATORY  
KALMANDAPAM PALAKKAD**

Telephone No - 0491-2545550, E-mail - kwaqc.palakkad@yahoo.com



**Test Report**

**Test Report No. : KWA/QCDL/PKD/2385/2025**

**ULR No.: TC968825000002232 F**

**Report Date: 18-07-2025**

<b>Customer Name &amp; Address</b> Palghat Lions School Koppam Palakkad- 678001	<b>1. Date of receipt</b> : 16-07-2025
	<b>2. Sampling done by</b> : The Customer
	<b>3. UID No.of Sample</b> : KWA/QCDL/PKD/S-2385/2025
	<b>4. Source of sample</b> : Open Well
	<b>5. Sample description</b> : Good
	<b>6. Name of sample</b> : Drinking water
	<b>7. Purpose of test</b> : Commercial
	<b>8. Sample quantity</b> : 2 Litre
	<b>9. Test performing dates</b> From : 17-07-2025 To: 17-07-2025

Sl. No.	Characteristics	Test Method	Maximum Acceptable limit as per IS 10500 - 2012	Result
1	Colour, Hazen units	IS 3025 (part 4) : 2021 Platinum cobalt (visual comparison method)	5	2
2	Turbidity, NTU	IS 3025 (part 10) : 2023 Nephelometric Method	1	1.19
3	pH at 25°C	IS 3025 (part 11) : 2022 ISO 10523 : 2008	6.5 to 8.5	7.5
4	Electrical Conductivity at 25°C, micro mhos/cm	IS 3025 (part 14) : 2013 (Reaffirmed 2023)	-	406
5	Total Alkalinity (as CaCO <sub>3</sub> ), mg/l	IS 3025 (part 23) : 2023 Indicator Method	200	169
6	Sulphates (as SO <sub>4</sub> ), mg/l	IS 3025(part 24/Sec 1) : 2022 Turbidity Method	200	18
7	Total Dissolved Solids at 180°C, mg/l	IS 3025 (part 16) : 2023 Gravimetric Method	500	222
8	Total Hardness (as CaCO <sub>3</sub> ), mg/l	IS 3025 (part 21) : 2009 (Reaffirmed 2023) EDTA Method	200	162
9	Calcium (as Ca), mg/l	IS 3025 (part 40) : 2024 EDTA Titrimetric Method	75	45
10	Magnesium (as Mg), mg/l	IS 3025(Part 46) : 2023 Volumetric Method Using EDTA	30	12

Continue on page 2

KWA/QCDL/PKD-No:6	Issue No:3	Issue Date 01/03/2025
Amend.No: 01	Amend Date: 29/04/2025	Page 1 of 2

**Test Report No. :KWA/QCDL/PKD/ 2385/2025**

**Report Date: 18-07-2025**

Sl. No.	Characteristics	Test Method	Maximum acceptable limit as per IS 10500-2012	Result
11	Chloride (as Cl), mg/l	IS 3025 (part 32) : 1988 (Reaffirmed 2019) Argentometric Method	250	19
12	Fluoride (as F), mg/l	APHA 24th Edition 4500 - F <sup>-</sup> D. SPADNS Method	1	0.4
13	Nitrate (as NO <sub>3</sub> ), mg/l	APHA 24th Edition 4500 - NO <sub>3</sub> <sup>-</sup> B. Ultraviolet Spectrophotometric Screening Method	45	6.8
14	Iron (as Fe), mg/l	IS 3025 (Part 53) : 2024 1,10 Phenanthroline Method	1	0.1

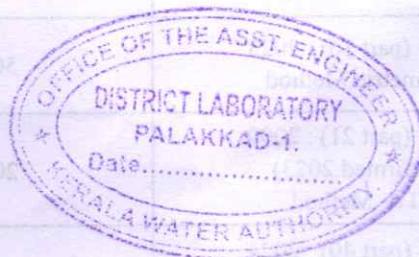
**Remarks:-**

**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.**

*SAJ*  
**ASWAMY.S**  
Reviewed & Authorized by:  
**TECHNICAL MANAGER**  
KERALA WATER AUTHORITY  
QCDL PALAKKAD-678 001

\* End of Report \*

KWA/QCDL/PKD-R.No:6	Issue No:3	Issue Date : 01/03/2025
Amend.No: 01	Amend Date: 29/04/2025	Page 2 of 2





**KERALA WATER AUTHORITY**  
**QUALITY CONTROL DISTRICT LABORATORY**  
**KALMANDAPAM PALAKKAD**  
Telephone No - 0491-2545550, E-mail - kwaqc.palakkad@yahoo.com

**Test Report**

Test Report No. :KWA/QCDL/PKD/2385/2025

Report Date: 18-07-2025

<b>Customer Name &amp; Address</b> Palghat Lions School Koppam Palakkad- 678001	<b>1. Date of receipt</b> : 16-07-2025
	<b>2. Sampling done by</b> : The Customer
	<b>3. UID No.of Sample</b> : KWA/QCDL/PKD/S-2385/2025
	<b>4. Source of sample</b> : Open Well
	<b>5. Sample description</b> : Good
	<b>6. Name of sample</b> : Drinking water
	<b>7. Purpose of test</b> : Commercial
	<b>8. Sample quantity</b> : 2 Litre
	<b>9. Test performing dates</b> From : 17-07-2025 To: 17-07-2025

Sl. No.	Characteristic	Test Method	Maximum acceptable limit as per IS 10500 - 2012	Result
1	Acidity, mg/l	IS 3025 (Part22) : 2024 Indicator Method	-	2

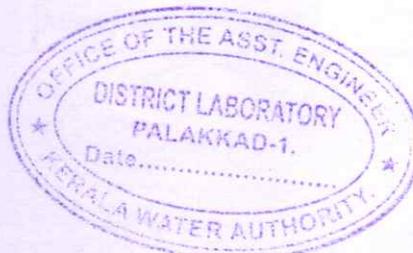
**Remarks:-**

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.

*ASWATHY.S*  
**Reviewed & Authorized by:**  
**TECHNICAL MANAGER**  
KERALA WATER AUTHORITY  
QCDL PALAKKAD-678 001

\* End of Report \*

KWA/QCDL/PKD-R-No:6	Issue No:3	Issue Date 01/03/2025
Amend.No: 01	Amend Date: 29/04/2025	Page 1 of 1





**KERALA WATER AUTHORITY**  
**QUALITY CONTROL DISTRICT LABORATORY**  
**KALMANDAPAM PALAKKAD**  
Telephone No - 0491-2545550, E-mail -kwaqc.palakkad@yahoo.com

**Test Report**

Test Report. No : KWA/QCDL/PKD/2385/2025

Report Date : 18-07-2025

<b>Customer Name &amp; Address</b>		<b>1. Date of receipt : 16-07-2025</b>		
Palghat Lions School Koppam Palakkad- 678001		<b>2. Sampling done by : The Customer</b>		
		<b>3. UID No.of Sample: KWA/QCDL/PKD/S-2385/2025</b>		
		<b>4. Source of sample : Open Well</b>		
		<b>5. Sample description : Good</b>		
		<b>6. Name of sample : Drinking water</b>		
		<b>7. Purpose of test : Commercial</b>		
		<b>8. Sample quantity :100ml</b>		
		<b>9. Test performing dates</b>		
		<b>From : 17-07-2025 To: 18-07-2025</b>		
Sl. No.	Parameters	Test Method	Acceptable limits as per IS 10500-2012	Result
1	Total Coliforms	IS 15185 : 2016 (Reaffirmed 2021)	Shall not be detected / 100ml	120
2	E. Coli	IS 15185 : 2016 (Reaffirmed 2021)	Shall not be detected / 100ml	Not Detected

**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.

*Disney Davis*

Analysed by:

*Disney Davis*  
**DY. QUALITY MANAGER**  
KERALA WATER AUTHORITY  
QCDL PALAKKAD-678 001

*Disney Davis*

Authorized by

*Disney Davis*  
**DY. QUALITY MANAGER**  
KERALA WATER AUTHORITY  
QCDL PALAKKAD-678 001

\* End of Report \*

KWA/QCDL/PKD/R.No.: 6	Issue No: 01	Issue Date : 01/03/2025
Amend.No.: 01	Amend. Date: 29/04/2025	Page 1 of 1

