



QUALITY CONTROL SUB DISTRICT LABORATORY

KERALA WATER AUTHORITY,
PALA, KOTTAYAM

Telephone No. 04822 200675, Email: qcsdlpala@gmail.com

(NABL Recognized Block level Government Drinking Water Testing Laboratory)

TEST REPORT

Certificate No. NABL- DWT -01037

Report No: PL1323 /PALA/06/2025	Date: 24.06.2025
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Customer Name & Address	1.Date of Receipt	19. 06.2025
SANJOS PUBLIC SCHOOL CHOONDACHERRY P.O CHOONDACHERRY KOTTAYAM , 686579	2.Sampling done by	CUSTOMER
	3.Sample Code	2025/QCSDL/PALA/PL 3336
	4.Source of Sample	DRINKING WATER
	5.Sample Quantity	2 LITRE
	6.Sample conditions	ACCEPTABLE
	7.Test performing dates:	19.06.2025 TO 21.06.2025

Sl. No	Characteristics	Unit	Test Method	Acceptable limits as per IS 10500:2012	Limit of detection LOD	Result
1	Colour	HU	APHA 24 th Edition(2023) 2120 B – visual comparison method	5	1	1
2	Odour		IS 3025 (part 5) –2018(Reaffirmed 2022)	Agreeable	Agreeable	Agreeable
3	Taste		IS 3025(part 8)-1984(Reaffirmed - 2023	Agreeable	Agreeable	Agreeable
4	Turbidity	(NTU)	IS 3025(part 10)-1984(Reaffirmed- 2023)-Nephelometric method	1	0.5	BDL
5	pH at 25 °C		IS 3025(part 11)- 2022- Potentiometric method	6.5 - 8.5	2	6.88
6	Alkalinity	(mg/litre)	IS 3025(part 23)-1986(Reaffirmed- 2023)- Indicator method	200	5	6
7	Total dissolved solids (TDS)	(mg/litre)	IS 3025(part 16)-1984(Reaffirmed- 2023)Gravimetric method/TDS Meter	500	5	8.14
8	Total hardness (as CaCO ₃)	(mg/litre)	IS 3025(part 21)-2009 (Reaffirmed 2019)EDTA method	200	5	BDL
9	Calcium (as Ca)	(mg/litre)	IS 3025(part 40)-1991(Reaffirmed- 2023)EDTA Titrimetric method	75	5	BDL
10	Magnesium (as Mg)	(mg/litre)	APHA 24 th Edition(2023) 3500- Mg B Calculation method	30	5	BDL
11	Chloride (as Cl)	(mg/litre)	IS 3025(part 32)1988-(Reaffirmed 2019) Argentometric method	250	5	5.93

Remarks:-

NB:- The result 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

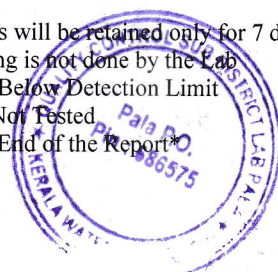
*Samples will be retained only for 7 days after completion of analysis

*Sampling is not done by the Lab

*BDL – Below Detection Limit

*NT- Not Tested

End of the Report



[Signature]
Sankar A. Jayaraj

Reviewed and Authorized by
(Signature with Name)



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Customer Name & Address SANJOS PUBLIC SCHOOL CHOONDACHERRY P.O CHOONDACHERRY KOTTAYAM , 686579	1.Date of Receipt	19.06.2025
	2.Sampling done by	CUSTOMER
	3.Sample Code	2025/QCSDL/PALA/PL 3336
	4.Source of Sample	DRINKING WATER
	5.Sample Quantity	2 LITRE
	6.Sample condition	ACCEPTABLE
	7.Test performing dates: 19.06.2025 TO 21.06.2025	

Sl. No	Characteristics	Unit	Test Method	Acceptable limits as per IS 10500:2012	Result
1	Electrical conductivity at 25 °C	(Micromhos/cm)	IS 3025(part14)-2013 (Reaffirmed 2019)		12.48
2	Acidity	(mg/litre)	IS 3025(part22)-1986 (Reaffirmed 2019) Indicator method		BDL
3	Sulphate (as SO ₄)	(mg/litre)	IS 3025(part24)-1986 (Reaffirmed 2019)Turbidity method	200	BDL
4	Fluoride (as F)	(mg/litre)	Kit Method	1	BDL
5	Iron (as Fe)	(mg/litre)	IS3025(part53)2003(Reaffirmed2014) 1 , 10, Phenanthroline method	1	BDL
6	Nitrate(as NO ₃)	(mg/litre)	Kit Method	45	BDL
7	Residual Chlorine	(mg/litre)	Kit Method	0.2	NIL

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End of the Report

[Signature]

Authorized Signatory



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Report No: PL1323/PALA/06/2025

Date: 24.06.2025

Customer Name & Address

**SANJOS PUBLIC SCHOOL
CHOONDACHERRY P.O
CHOONDACHERRY
KOTTAYAM , 686579**

1.Date of Receipt

19.06.2025

2.Sampling done by

CUSTOMER

3.Sample Code

2025/QCSDL/PALA/PL 3336

4.Source of Sample

DRINKING WATER

5.Sample Quantity

100ML

6.Sample conditions

ACCEPTABLE

7.Test performing dates: 20.06.2025 TO 21.06.2025

BACTERIOLOGICAL ANALYSIS

Sl No.	Parameters	Acceptable limits as per – IS 10500:2012	Test Method	Result
1	Coliforms	Shall not be detected/100ml	IS 15185:2016	ABSENT
2	E.coli	Shall not be detected/100ml	IS 15185:2016	ABSENT

Test method

Coliforms: Membrane Filtration Method

E. coli: Membrane Filtration Method

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*Sampling is not done by the Lab

END OF REPORT



Authorized By

Shahana
Shahana Sheriff
(Bacteriologist)