



QUALITY CONTROL SUB DISTRICT LAB
KERALA WATER AUTHORITY
 THALAYOLAPARAMBU,VAIKOM, KOTTAYAM
 Telephone No. 04829-292143, Email- qcsdlvkm@gmail.com



TC-10520

ULR – TC1052023000000464F

Report No: 759 /TPB/11 /2023	Date: 17.11.2023
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Customer Name & Address Principal Kendriya Vidyalaya Kaduthuruthy HNL Premises Newsprint Nagar Velloor	1.Date of Receipt	09.11.2023
	2.Sampling done by	HEALTH INSPECTOR
	3.Sample Code	2023/QC/TPB/ T 4825
	4.Source of Sample	Drinking water
	5.Sample Quantity	2Ltr
	6 Sample condition	Acceptable
	7.Test performing dates: 10.11.2023 – 14.11.2023	

Sl. No	Characteristics	Unit	Test Method	Desirable limits As per IS 10500:2012	Limit of detection	Result
1	Colour	HU	APHA-24 th Edition- 2120 colour method B	5	1 to 100	1
2	Odour		IS 3025 (part 5) – 2018		Agreeable/Disagreeable	Agreeable
3	Taste		IS 3025(part8)-1984(Reaffirmed 2023)		Objectionable/Not Objectionable	Not Objectionable
4	Turbidity	NTU	IS 3025(part10)-1984 (Reaffirmed 2023)	1	0.5 to 100	0.97
5	pH at 25 °C		IS 3025(part 11)-1983 (Reaffirmed 2022)	6.5 - 8.5	2 to 12	7.56
6	Total Alkalinity (as CaCO ₃)	mg/l	IS 3025(part 23)-1986 (Reaffirmed 2023)	200	5 to 2000	12.12
7	Total dissolved solids TDS at 180 °C	mg/l	IS 3025(part16)-1984 (Reaffirmed 2023)	500	5 to 10000	30
8	Total hardness (as CaCO ₃)	mg/l	IS 3025(part21)-2009 (Reaffirmed 2019)	200	5 to 5000	16
9	Calcium (as Ca)	mg/l	IS 3025(part40)-1991 (Reaffirmed 2019)	75	5 to 2000	4.01
10	Magnesium (as Mg)	mg/l	APHA 24 th Edition 3500 – Mg method B	30	5 to 1000	1.46
11	Chloride (as Cl)	mg/l	IS 3025(part32)-1988 (Reaffirmed 2019)	250	5 to 5000	9.89

Sampling Points:

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

Verified By

Reps

Depe
Depe Lakshmi .L
(D/O M)

Authorized Signatory
 Signature with name)
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KERALA WATER AUTHORITY
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KOTTAYAM 686605

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Test Report

Report No: 759 /TPB/ 11 /2023		Date: 17.11.2023
Customer Name & Address Principal Kendriya Vidyalaya Kaduthuruthy HNL Premises Newsprint Nagar Velloor	1. Date of Receipt	09.11.2023
	2. Sampling done by	HEALTH INSPECTOR
	3. Sample Code	2023/QC/TPB/ T 4825
	4. Source of Sample	Drinking water
	5. Sample Quantity	2Ltr
	6. Sample Condition	Acceptable
	7. Test performing dates:	10.11.2023 – 14.11.2023

Sl. No	Characteristics	Unit	Test Method	Desirable limits as per IS 10500:2012	Result
1	Electrical conductivity at 25 °C	(Mic-om-hos/cm)	IS 3025(part14)-2013 (Reaffirmed 2019)		48.87
2	Acidity	(mg/litre)	IS 3025(part22)-1986 (Reaffirmed 2019)		2
3	Sulphate (as SO ₄)	(mg/litre)	IS 3025(part24)-1986 (Reaffirmed 2019)	200	5
4	Fluoride (as F)	(mg/litre)	KIT METHOD	1	BDL
5	Iron (as Fe)	(mg/litre)	IS 3025(part53)-2003 (Reaffirmed 2014)	1	BDL
6	Nitrate(as NO ₃)	(mg/litre)	KIT METHOD	45	5
7	Residual Chlorine	(mg/litre)	KIT METHOD	0.2	NIL

Remarks: -

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Verified By *[Signature]*

End of the Report

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[Signature]
Deepa Lateshmi
(DQA)

Authorized Signatory
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TEST REPORT

Report No: 759 /TPB/ 11 /2023	Date: 17.11.2023
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Customer Name & Address	1.Date of Receipt	09.11.2023
Principal Kendriya Vidyalaya Kaduthuruthy HNL Premises Newsprint Nagar , Velloor	2.Sampling done by	HEALTH INSPECTOR
	3.Sample Code	2023/QC/TPB/ T 4825
	4.Source of Sample	Drinking water
	5.Sample Quantity	100ml
	6.Sample Condition	Acceptable
	7.Test performing dates : 10.11.2023 – 14.11.2023	

BACTERIOLOGICAL ANALYSIS

Sl No.	Parameters	Acceptable limits as per –IS 10500-2012	Unit	Test Method	Result
1	Coliforms	Shall not be detected/100ml	MPN/100ml	MPN Method	150
2	E-coli	Shall not be detected/100ml	MPN/100ml	MPN Method	NIL

Remarks: -

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END OF REPORT

Krishna

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Authorized By

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