

KERALA WATER AUTHORITY
QUALITY CONTROL SUB DISTRICT LAB
MALAPARAMBA
KOZHUKODE
Ph: 0495 2964751.
E-mail: qualitysdmalaparamba@gmail.com



TEST REPORT

Date of issue: 24/06/2024

Report No - KWA/KKD/1288/24	1. Date of Receipt	: 21/06/2024
Customer Name & Address	2. Sample condition	: FIT FOR ANALYSIS
BHARATIYA VIDYA BHAVAN SCHOOL KOYILANDY	3. Sampling done by	: PARTY
	4. Sample code	: 1288/24
	5. Source of sample	: BORE WELL
	6. Sample quantity	: 1LTR
	7. Test performing dates From : 21/06/2024	To : 24/06/2024

Sl. No	Characteristics	Unit	Test Method	Acceptable limits as per IS 10500-2012	Result
1	Colour	Pt Co. unit	IS 3025 (part 4)-2021	5.0	<5.0
2	Odour		IS 3025 (part 5)-2018	Agreeable	Agreeable
3	Turbidity	(NTU)	IS 3025 (part 10)-1984 (Reaffirmed 2017)	1.0	1.78
4	pH at --- °C		IS 3025 (PART 11)-2022	6.5 to 8.5	6.63
5	Total Alkalinity (as CaCO ₃)	(mg/L)	IS 3025 (PART 23)-1986 (Reaffirmed 2019)	200	ND
6	Total Dissolved Solids(TDS)	(mg/L)	IS 3025 (part 16)-1984 (Reaffirmed 2017)	500	99
7	Total Hardness (as CaCO ₃)	(mg/L)	IS 3025 (part 21)-2009 (Reaffirmed 2019)	200	70
8	Calcium (as Ca)	(mg/L)	IS 3025 (part 40)-1991 (Reaffirmed 2019)	75	ND
9	Magnesium (as Mg)	(mg/L)	IS 3025 (F 46)-1994 (Reaffirmed 2019)	30	ND
10	Chloride (as Cl)	(mg/L)	IS 3025 (part 32)-1988 (Reaffirmed 2019)	250	7.0

ND: - Not Done

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

Analyzed By: Chemist

Authorized By: Deputy Quality Manager

End of Report

KWA/KKD/F4

Issue No. 01 Issue Date :01/01/2022

Rev.No. 00

Rev.Date : 00



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TEST REPORT

Report No -KWA/KKD/1288/24

Customer Name & Address

**BHARATIYA VIDYA BHAVAN
SCHOOL
KOYILANDY**

1. Date of Receipt	: 21/06/2024	Date of issue: 24/06/2024
2. Sample condition	: FIT FOR ANALYSIS	
3. Sampling done by	: PARTY	
4. Sample code	: 1288/24	
5. Source of sample	: BORE WELL	
6. Sample quantity	: 100mL	
7. Test performing dates From : 21/06/2024	To : 24/06/2024	

Sl. No	Characteristics	Unit	Test Method	Acceptable limits as per IS 10500-2012	Result
1	Coliforms	CFU/100 ml	IS 15185(part1) 2002 reaffirmed2016	Shall not be detectable in any 100ml sample	ABSENT
2	E coli	CFU/100 ml	IS 15185(part1) 2002 reaffirmed2016	Shall not be detectable in any 100ml sample	ABSENT

TNTC- Too Numerous To Count

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

End of Report

Authorized By : Microbiologist

KWA/KKD/F4

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Report No - KWA/KKD/1288/24		Date of issue: 24/06/2024	
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	2. Sample condition	: FIT FOR ANALYSIS	
	3. Sampling done by	: PARTY	
	4. Sample code	: 1288/24	
	5. Source of sample	: BORE WELL	
	6. Sample quantity	: 1LTR	
	7. Test performing dates From : 21/06/2024		To : 24/06/2024

Sl. No	Characteristics	Unit	Test Method	Acceptable limits as per IS 10500-2012	Result
1	Electrical conductivity at 25°C	{micro mhos/cm}	IS 3025 (part 14)-2013 (Reaffirmed 2019)	-	148
2	Acidity	(mg/L)	IS 3025 (part 22)-1986 (Reaffirmed 2019)	-	ND
3	Sulphate (as SO ₄)	(mg/L)	IS 3025 (PART 24)-1986 (Reaffirmed 2019)	200	4.1
4	Phosphate [as PO ₄]	(mg/L)	IS 3025 (PART 31)-2008 (Reaffirmed 2019)	-	BDL
5	Fluoride (as F)	(mg/L)	APHA 4500F-D 23 rd Edition	1.0	ND
6	Iron (as Fe)	(mg/L)	IS 3025 (part 53)-2003 (Reaffirmed 2014)	1.0	0.8
7	Nitrate (as NO ₃)	(mg/L)	APHA 4500NO3-B 23 rd Edition	45	1.0
8	Ammonia	(mg/L)	IS 3025 (part 34)-2008 (Reaffirmed 2019)	0.5	BDL
9	Residual Chlorine	(mg/L)	IS 3025 (part 26)-1986 (Reaffirmed 2019)	0.2	ND

BDL: BELOW DETECTION LEVEL

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Analyzed By: Chemist

End of Report

Authorized By: Deputy Quality Manager

DEPUTY QUALITY MANAGER
KWA, A-100, KADAPPA ROAD
CHITRA, KERALA WATER AUTHORITY
KODIYERUVA

KWA/KKD/F4

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TEST REPORT

Report No - KWA/KKD/1289/24

Date of issue: 24/06/2024

Customer Name & Address BHARATIYA VIDYA BHAVAN SCHOOL KOYILANDY	1.Date of Receipt	: 21/06/2024
	2. Sample condition	: FIT FOR ANALYSIS
	3.Sampling done by	: PARTY
	4.Sample code	: 1289/24
	5.Source of sample	: OPEN WELL
	6.Sample quantity	: 1LTR
	7.Test performing dates From : 21/06/2024	To : 24/06/2024

Sl. No	Characteristics	Unit	Test Method	Acceptable limits as per IS 10500-2012	Result
1	Electrical conductivity at 25°C	(micro mhos/cm)	IS 3025 (part 14)-2013 (Reaffirmed 2019)	-	35
2	Acidity	(mg/L)	IS 3025 (part 22)-1986 (Reaffirmed 2019)	-	ND
3	Sulphate (as SO ₄)	(mg/L)	IS 3025 (PART 24)-1986 (Reaffirmed 2019)	200	4.1
4	Phosphate [as PO ₄]	(mg/L)	IS 3025 (PART 31)-2008 (Reaffirmed 2019)	-	BDL
5	Fluoride (as F)	(mg/L)	APHA 4500F-D 23 rd Edition	1.0	ND
6	Iron (as Fe)	(mg/L)	IS 3025 (part 53)-2003 (Reaffirmed 2014)	1.0	0.5
7	Nitrate (as NO ₃)	(mg/L)	APHA 4500NO3-B 23 rd Edition	45	1.0
8	Ammonia	(mg/L)	IS 3025 (part 34)-2008 (Reaffirmed 2019)	0.5	BDL
9	Residual Chlorine	(mg/L)	IS 3025 (part 26)-1986 (Reaffirmed 2019)	0.2	ND

BDL: BELOW DETECTION LEVEL

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Analyzed By: Rishana
Chemist

Authorized By: Deputy Quality Manager

End of Report

KWA/KKD/F4

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TEST REPORT

Report No - KWA/KKD/1289/24

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	3. Sampling done by	: PARTY
	4. Sample code	: 1289/24
	5. Source of sample	: OPEN WELL
	6. Sample quantity	: 1LTR
	7. Test performing dates From : 21/06/2024	To : 24/06/2024

Sl. No	Characteristics	Unit	Test Method	Acceptable limits as per IS 10500-2012	Result
1	Colour	Pt Co. unit	IS 3025 (part 4)-2021	5.0	<5.0
2	Odour		IS 3025 (part 5)-2018	Agreeable	Agreeable
3	Turbidity	(NTU)	IS 3025 (part 10)-1984 (Reaffirmed 2017)	1.0	2.90
4	pH at --- °C	-	IS 3025 (PART 11)-2022	6.5 to 8.5	5.81
5	Total Alkalinity (as CaCO ₃)	(mg/L)	IS 3025 (PART 23)-1986 (Reaffirmed 2019)	200	ND
6	Total Dissolved Solids(TDS)	(mg/L)	IS 3025 (part 16)-1984 (Reaffirmed 2017)	500	23
7	Total Hardness (as CaCO ₃)	(mg/L)	IS 3025 (part 21)-2009 (Reaffirmed 2019)	200	14
8	Calcium (as Ca)	(mg/L)	IS 3025 (part 40)-1991 (Reaffirmed 2019)	75	ND
9	Magnesium (as Mg)	(mg/L)	IS 3025 (F 46)-1994 (Reaffirmed 2019)	30	ND
10	Chloride (as Cl)	(mg/L)	IS 3025 (part 32)-1988 (Reaffirmed 2019)	250	8.0

ND: - Not Done

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	3.Sampling done by : PARTY
	4.Sample code : 1289/24
	5.Source of sample : OPEN WELL
	6.Sample quantity : 100mL
	7.Test performing dates From : 21/06/2024 To : 24/06/2024

Sl. No	Characteristics	Unit	Test Method	Acceptable limits as per IS 10500-2012	Result
1	Coliforms	CFU/100 ml	IS 15185(part1) 2002 reaffirmed2016	Shall not be detectable in any 100ml sample	100
2	E coli	CFU/100 ml	IS 15185(part1) 2002 reaffirmed2016	Shall not be detectable in any 100ml sample	ABSENT

TNTC- Too Numerous To Count

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