



KERALA WATER AUTHORITY

QUALITY CONTROL SUB DISTRICT LAB

KALPETTA, WAYANAD

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TEST REPORT

Report No -KWA/KAL/2925/2022 (QUA_30953)

Date: 15/12/2022

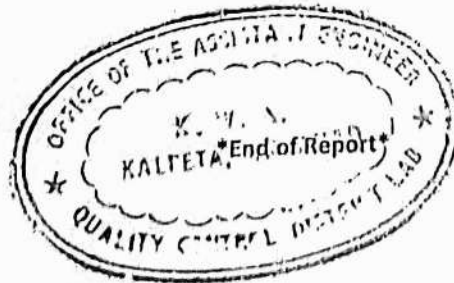
Customer Name & Address Amrutha Vidyalayam Pulpally	1. Date of Receipt	: 15/12/2022
	2. Sampling done by	: Health Inspector
	3. Sample code	: 2925/2022
	4. Source of sample	: Bore Well Water
	5. Sample quantity	: 100 ML
	6. Test performing dates	From: 15/12/2022 To: 18/12/2022

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	NIL
2	E coli	CFU/100 ml	IS 15185(part1) 2002 reaffirmed2016	Shall not be detectable in any 100ml sample	NIL

- 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.

Tested by:



Authorized By: Micro Biologist



TEST REPORT

Report No -KWA/KAL/2925/2022 (QUA 30953)

Date: 15/12/2022

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	2.Sampling done by	: Health Inspector
	3.Sample code	: 2925/2022
	4.Source of sample	: Bore Well Water
	5.Sample quantity	: 1 LTR
	6.Test performing dates	From: 15/12/2022 To: 18/12/2022

Sl. No	Characteristics	Unit	Test Method	Acceptable limits as per IS 10500-2012	Result
1	Colour	Pt Co. unit	IS 3025 (part 4)-1983 (Reaffirmed 2017)	-	1
2	Odour		IS 3025 (part 5)-2018	Agreeable	Agreeable
3	Turbidity	(NTU)	IS 3025 (part 10)-1984 (Reaffirmed 2017)	1	0.67
4	pH at — °C		IS 3025 (PART 11)-1983 (Reaffirmed 2017)	6.5 to 8.5	7.7
5	Alkalinity	(mg/litre)	IS 3025 (PART 23)-1986 (Reaffirmed 2019)	200	62.36
6	Total Dissolved Solids (TDS)	(mg/litre)	IS 3025 (part 16)-1984 (Reaffirmed 2017)	500	254
7	Total Hardness (as CaCO ₃)	(mg/litre)	IS 3025 (part 21)-2009 (Reaffirmed 2019)	200	167.66
8	Calcium (as Ca)	(mg/litre)	IS 3025 (part 40)-1991 (Reaffirmed 2019)	75	45.34
9	Magnesium (as Mg)	(mg/litre)	IS 3025 (part 46)-1994 (Reaffirmed 2019)	30	13.12
10	Chloride (as Cl)	(mg/litre)	IS 3025 (part 32)-1988 (Reaffirmed 2019)	250	11.87

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Analyzed By: Technical Manager

Authorized By: Deputy Quality Manager

KWA/QC/KAL/F2/C Issue No



DEPUTY QUALITY MANAGER
Quality Control Sub District Laboratory
Kalpetta, Wayanad



KERALA WATER AUTHORITY

QUALITY CONTROL SUB DISTRICT LAB

KALPETTA, WAYANAD

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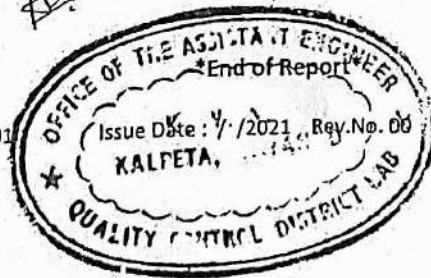
Sl. No	Characteristics	Unit	Test Method	Acceptable limits as per IS 10500-2012	Result
11	Electrical conductivity at 25°C	(micro mhos/cm)	IS 3025 (part 14)-2013 (Reaffirmed 2019)		423
12	Acidity	(mg/litre)	IS 3025 (part 22)-1986 (Reaffirmed 2019)		5
13	Sulphate (as SO ₄)	(mg/litre)	IS 3025 (PART 24)-1986 (Reaffirmed 2019)	200	2.99
14	Phosphate [as PO ₄]	(mg/litre)	IS 3025 (PART 31)-2008 (Reaffirmed 2019)		BDL
15	Fluoride (as F)	(mg/litre)	IS 3025 (part 60)-2008 (Reaffirmed 2013)	1.0	BDL
16	Iron (as Fe)	(mg/litre)	IS 3025 (part 53)-2003 (Reaffirmed 2014)	1.0	0.54
17	Nitrate (as NO ₃)	(mg/litre)	IS 3025 (part 34)-1988 (Reaffirmed 2019)	45	8
18	Ammonia	(mg/litre)	IS 3025 (part 34)-2008 (Reaffirmed 2019)	0.5	BDL
19	Residual Chlorine	(mg/litre)	IS 3025 (part 26)-1986 (Reaffirmed 2019)	0.2	-

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Analyzed By: Technical Manager

Authorized By: Deputy Quality Manager

KWA/QC/KAL/F2/C Issue No. 01



DEPUTY QUALITY MANAGER
Quality Control Sub District Laboratory
Kalpetta, Wayanad

Rev.Date : 00